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Project Formal Title: Adult Education Data System Project
Agency: Department of Education (DOE)
Secretariat: Education
Investment Status: Investment Business Case Approval

Project Description:

The Office of Career, Technical and Adult Education has utilized a web-based system for data collection from adult education programs across the Commonwealth. The evolving federal requirements and program-level requirements have created the need for a vendor to provide the state with a new web-based data management solution, to meet the goals and requirements of the Workforce Innovation and Opportunity Act (WIOA) landscape. DOE will conduct an RFP to acquire a solution that will improve the constituent experience at every level in adult education. Students, intake specialists, and instructors will have access to a common digital platform to streamline the enrollment process and instructors will have access to classroom and student-level data for decision making. Providers and state staff will have access to real-time data for program management and a host of new tools will be available for analysis. Training and technical assistance is also a critical component of the contract.

Project Scope:

A web-based, real-time data management solution needed to meet the goals and requirements of adult education providers and the Virginia Department of Education (VDOE), In 2002, the VDOE implemented a web-based system for collecting data from adult education programs across the Commonwealth. The Adult Education Application was designed to collect and report on federal performance measures under the Workforce and Investment Act (WIA). In 2014, WIA was replaced with the WIOA and with the new legislation came new performance measures and new accountability requirements. The evolving federal requirements and provider-level needs have contributed to the VDOE's decision to seek a vendor to provide the state with a new web-based data management solution to meet those accountability requirements.

The required system will support the Virginia adult education system and our network of 22 regional programs serving all 95 counties and 38 independent cities through approximately 1,600 classes. The system will ensure that the state can meet its oversight and monitoring responsibilities of federally funded sub-grantees, improving data quality and collection, and supporting program improvement with a state-of the-art user interface.

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Project Formal Title: Agency Grant Management System Project
Agency: Department of Health (VDH)
Secretariat: Health & Human Resources
Investment Status: Project Initiation Approval

Project Description:

The Virginia Department of Health (VDH) is looking to modernize and implement a solution to manage grant activity by allowing standardization across various groups, supporting required integrations to financial systems and providing a central data repository that allows for integrated document management.

Project Scope:

This SOR defines the services required by Authorized User in support of the Project/Service. The scope of this project is to implement a modern grant management application solution for VDH and includes:

- Project Management
- Software/Application platform recommendations
- Requirement analysis and refinement
- Application Design
- Application Development and/or configuration
- Application Integrations with 3rd party systems
- Assistance with User Acceptance Testing
- Training
- Application Security Implementation
- Production Deployment and knowledge transfer

Below are more details of the project scope. Business Requirements Documentation, Process Workflow documentation and report examples are provided as separate attachments to the SOR.

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Project Formal Title: AI-Based System for Incident Management Project
Agency: Department of Transportation (VDOT)
Secretariat: Transportation
Investment Status: Project Initiation Approval

Project Description:

VDOT is seeking to design and implement the Decision Support System to evaluate the current transportation network conditions, predict the impact of disruptions, and provide coordinated response options to operational agencies to more effectively and collaboratively resolve disruptions that slow travelers down.

Project Scope:

The AI-DSS is to be furnished as System-as-a-Service, providing the functionality to review and evaluate the current conditions, as well as to predict conditions of the Northern Virginia and Metropolitan Fredericksburg (Stafford County, City of Fredericksburg, and Spotsylvania County, along the I-95 corridor) transportation network. The AI-DSS will help transportation operations agency operators make informed decisions in managing both recurring and non-recurring congestion conditions that affect their transportation networks (transit, arterial, and freeway conditions, and parking availability); and to make recommendations on the actions to be taken to optimally respond to transportation events in the region. It is assumed that the AI-DSS will be a multi-phased functional deployment with additional functionality deployed during each phase until the full System-as-a-Service technologies proposed by the Offerer are completed. Upon NTP, there will be a 24 month development period with multiple deliverables followed by a 12 month operational support period. This project will address the multimodal and multi-agency incident response plan coordination gap that currently exists.

The users for this project are limited to transportation operators identified as participating stakeholders; the public and roles outside of transportation operators would be out of scope. Also, this project is identified for Northern Virginia and Metropolitan Fredericksburg (Stafford County, City of Fredericksburg, and Spotsylvania County, along the I-95 corridor) and any area outside of the identified geographical area would be out of scope.

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Project Formal Title: Automated Fingerprint Identification System (AFIS)
Agency: Department of State Police (VSP)
Secretariat: Public Safety & Homeland Security
Investment Status: Project Initiation Approval

Project Description:

This project will move the Automated Fingerprint Identification System (AFIS) from locally hosted servers to a SaaS solution.

Project Scope:

The scope of this project is to move the Automated Fingerprint Identification System (AFIS) from locally hosted servers to a SaaS solution.

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Project Formal Title: Body Worn/In Car Cameras - Project
Agency: Department of State Police (VSP)
Secretariat: Public Safety & Homeland Security
Investment Status: Project Initiation Approval

Project Description:

Implement a SaaS solution to provide body worn and in car cameras for all troopers in the agency. Equipment to be procured with AXON under the existing NASPO contract (NASPO MA# OK-MA-145-015).

Project Scope:

The objective of the project described in this Statement of Work (SOW) is for the Supplier to provide the Authorized User with a License Plate Reader, In-Car Video, Video and Digital Evidence Management System and Installation Services to include front and cabin cameras, HIFI Microphones, Brackets, Mounts, bases, and Sierra Wireless Modems for Virginia State Police.
This project effort will replace the current legacy WatchGuard system.

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Project Formal Title: Case Management Records Management and Dispatch Sytem
Agency: Department of State Police (VSP)
Secretariat: Public Safety & Homeland Security
Investment Status: Investment Business Case Approval

Project Description:

This project includes investigative processes that may (as defined in policy) require an Investigative Report (SP-102) and processes that directly support these investigations as specified below:

- Investigative Requests & Complaints
- Investigations (analysis, documenting completed actions and investigative reports)
- Search Warrants
- Criminal Funds
- Arrests & Bookings
- Confidential Informants (CIs)
- Legal Document Service & Arrests
- Activity Time Reporting
- Interface with Incident-Based Reporting System

Project Scope:

The Virginia State Police (VSP) is seeking to replace current Virginia State Police legacy applications with a Commercial-Off-The-Shelf (COTS) integrated law enforcement system incorporating Computer Aided Dispatch (CAD), Case Management (CMS) and Records Management (RMS) functionality. Virginia State Police is seeking products that provide innovative, flexible and sustainable solutions to meet the current and future needs of a 21st century law enforcement agency.

Virginia State Police requires an efficient and user-friendly solution to integrate the core functionalities of the computer aided dispatch system with the criminal investigative and records management functionalities required of the agency. The new solution is expected to create a modern and integrated process for documenting and servicing Calls for Service (CFS), criminal and non-criminal investigative activities, records management and reporting activities performed by the agency. In addition, the solution is expected to comply with and be readily adaptable to Virginia State Police and VITA strategic requirements and be reconfigurable for legislative changes and the integration of new technology.

Virginia State Police is required to maintain call history of any dispatched calls, trooper actions and investigative results for various periods as may be directed through agency policies, procedures or through legislative directives. Virginia State Police must have a

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viable expandable case management and records management system that complies with current and future judicial, federal and Commonwealth laws and statistical reporting.

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Project Formal Title: Child Support Enforcement Modernization -Project
Agency: Department of Social Services (DSS)
Secretariat: Health & Human Resources
Investment Status: Investment Business Case Approval

Project Description:

The Virginia Department of Social Services Division of Child Support Enforcement (DCSE) provides for the location, establishment and enforcement of child support orders through education, prevention, technology and enforcement activities. The functionality of the DCSE application, APECS, is currently run on mainframe using programming languages COBOL and JCL. The current mainframe contract with Perspecta will end June 2024. VDSS plans to retire existing mainframe technology and replace the functionality by June 2024. The batch application programs perform the processing of: incoming and outgoing payments, case management, order enforcement and action, while interfacing with 36 external entities. An RFP will be issued to select a vendor to perform the child support modernization project.

Project Scope:
- Retiring the use of outdated COBOL code
- Replacing the existing mainframe COBOL legacy APECS system, the .NET IAPECS
- system, and key ancillary systems/ databases that are fundamental to Child Support
- Enforcement operations.
- Implementing a cloud-based state of the art child support system.
- Completing any required data conversions.
- Completing a data clean-up of existing APECS data for the conversion.
- Decommissioning related mainframe technologies and components.
- Ensure that all existing requirements are met by the new solution.
- Ensure that the solution meets CSE Federal Certification requirements.
- Ensure that the solution meets all federal IRS publication 1075 requirements as well as all Commonwealth of Virginia Security Requirements including, but not limited to, SEC 501.
- Ensure that the new system uses real time interfaces and creates documents and reports real time where possible.
- Eliminate or reduce the need for batch jobs.
- Ensure that existing components are migrated (e.g. batch jobs, interfaces, etc.)
- Ensure the modernized system will have an integrated customer service portal.

- Ensure that all necessary child support forms are recreated using the latest behavioral analytics.

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- Ensure that all necessary reports and dashboards are created.
- Ensure that the DCSE's core principles are followed during the project.
- Follow standard Software development principles and a project methodology that is appropriate for the solution.
- Include an independent Project Manager that will ensure that the project stays on track.
- Ensure the solution provided adheres to the VDSS IT Services Reference Blueprint Architecture

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Project Formal Title: Citizens Logon Project
Agency: Virginia IT Agency (VITA)
Secretariat: Administration
Investment Status: Project Initiation Approval

Project Description:

VITA is tasked with launching a single sign on service so that Citizens can log into a unified service and the credential will pass into the agency applications. This service will provide multiple and improved layers of security/identification and provide a simple login for all COV Citizens. We have narrowed our technology choices to two applications: MS B2C and Okta. There are pros and cons with each. VITA has more internal experience with Okta and we can leverage the investments (financial and architecture) already made in integrating applications via Okta. MS B2C is less expensive and better aligned with our enterprise software investments in MS and a little less costly at scale. Both tools are Gartner MQ leaders. Other states are using both. Right now the VITA team is leaning slightly towards Okta but we haven't made a decision.

Project Scope:

VITA is tasked with launching a single sign on service so that Citizens can log into a unified service and the credential will pass into the agency applications. This service will provide multiple and improved layers of security/identification and provide a simple login for all COV Citizens. VITA will be conducting three POCs; Assure B2C and two different Okta implementations.

To support this initiative, Supplier will provide the Commonwealth with initial implementation support and a comprehensive engagement focused on setting up the base solution and deploying the identified application including:Definition and Documentation of Overall Architecture Platform Setup and Configuration Citizen Facing Application Integration It is expected that with a commitment of resources by Customer and Supplier, the estimated time to completion upon commencement of services will be up to twelve (12) weeks from the initiation of the SOW.This SOW covers the following anticipated activities and deliverables: Initiation Phase: Architecture and Design High Level Project Readiness and Project Management Architecture & Design Review to confirm requirements and use cases. High-Level Architecture Documentation Implementation Phase: Platform Configuration and Application IntegrationNon-Prod and Production environment deployment Directory set-up and User Migration Single Sign On ConfigurationMulti Factor Authentication ConfigurationApplicant Proofing NIST acceptedApplication Integration and Deployment Identified application integration Custom Login Password Reset Self-Service Change Management Strategy and templated documentation for implementation Knowledge Transfer to Commonwealth

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team User Acceptance Testing Go-Live Support.

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Project Formal Title: Coleman Bridge Toll System PROJ - ITSP - FY24
Agency: Department of Transportation (VDOT)
Secretariat: Transportation
Investment Status: Investment Business Case Approval

Project Description:

The current toll system has multiple components that are nearing (or at) end of life/end of support. Parts are becoming difficult to source, VDOT to engage in a competitive procurement to allow for better value for the money, newer - more effective technology, and increased life span of the facility.

Equipment will be refreshed minimizing risk that develops from aged/aging assets. Increases likelihood of competitive pricing. Certain assets are envisioned to be phased out that will decrease operational spend(treadles).

Project Scope:

To procure and replace the Tolling System for Coleman Bridge.

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Project Formal Title: CRIS - Criminal and RapBack Information System
Agency: Department of State Police (VSP)
Secretariat: Public Safety & Homeland Security
Investment Status: Project Initiation Approval

Project Description:

The Virginia State Police is seeking an integrated, cloud-hosted, browser-based, software as a service solution (SAAS) for criminal history and tracking system.

Project Scope:

In compliance with Executive Order 19, the Virginia State Police is seeking an integrated, cloud-hosted, browser-based, software as a service solution (SAAS) for:

- computerized criminal history
- applicant tracking
- master name index
- civil commitment orders

that provides for:
- integration with the Alternate National Fingerprint File (A-NFF)
- integration with the criminal justice information network message switch, including interfaces to criminal justice users, the International Justice and Public Safety Network, the National Crime Information Center, and state criminal justice repositories/hotfiles
- adoption of standardized XML formats for the exchange of data among agencies
- event-based rap back subscription capability
- replacement of the current master name index, which is at end of life
- improved arrest, disposition, juvenile, mental health, and expungement data integration with the courts and Department of Corrections
- timely responses to criminal and applicant inquiries

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Project Formal Title: Crisis Call Center Project
Agency: Department of Behavioral Health and Development Services (DBHDS)
Secretariat: Health and Human Resources
Investment Status: Project Initiation Approval

Project Description:

Create a statewide call center data platform that can be used both by CSB staff (potentially a subcontracted private provider), private and state hospital staff, as well as Central Office staff. This is to assure that we can collect caller information from those in crisis (demographics), dispatch function, monitoring function(GPS enabled), linking to other services, bed registry function, and text and chat function.

Project Scope:

Create a statewide call center data platform that can be used both by CSB staff (potentially a subcontracted private provider), private and state hospital staff, as well as Central Office staff. This is to assure that we can collect caller information from those in crisis (demographics), dispatch function, monitoring function(GPS enabled), linking to other services, bed registry function, and text and chat function.

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Project Formal Title: CSOD to Oracle Learning PROJ - ITSP - FY24
Agency: Department of Transportation (VDOT)
Secretariat: Transportation
Investment Status: Investment Business Case Approval

Project Description:

Human Resources manages the programs to support training and other workplace requirements. The current Learning Management System (LMS) system, Cornerstone On Demand (CSOD) is standalone and does not integrate with other systems fully, provide the data connections and reporting holistically with other HCM data. This effort is to implement the Oracle Learning module and migrate the learning functionality from Cornerstone On Demand to our integrated Oracle HCM. This allows for a single place for all HCM related activities and data streamlining. It will increase efficiency, decrease hours, allow for increased automation and financial savings through licensing.

Project Scope:

Human Resources manages the programs to support training and other workplace requirements. The current Learning Management System (LMS) system, Cornerstone On Demand (CSOD) is standalone and does not integrate with other systems fully, provide the data connections and reporting holistically with other HCM data. This effort is to implement the Oracle Learning module and migrate the learning functionality from Cornerstone On Demand to our integrated Oracle HCM. This allows for a single place for all HCM related activities and data streamlining. It will increase efficiency, decrease hours, allow for increased automation and financial savings through licensing.

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Project Formal Title: Data Governance Tool Implementation Project
Agency: Department of Behavioral Health and Development Services (DBHDS)
Secretariat: Health & Human Resources
Investment Status: Investment Business Case Approval

Project Description:

This project will establish a data governance program for DBHDS, including data governance policies and procedures. It will deliver a roadmap for establishing a data governance program that will provide accountability for DBHDS's data assets. Using a phased approach, DBHDS is seeking to define the governance and data transformation process and architecture that will provide integrated, authoritative, accurate and insightful data in conformed, consumable, and reportable states of data transformation. Several decision-making bodies are to be established with role and responsibility definition, i.e., a Data Governance Council, Data Decision Team and Data Steward Committees for each business unit.

This initiative is directly tied to the agency's North Star Plan OKR-9A.

Project Scope:

DBHDS will establish an Enterprise Data Strategy (EDS) and Data Governance model and tactical implementation plan that will support and align with the Agency's North Star OKR-9A. The overall mission of the Data Governance project is to enable data-driven decision-making across the Agency by effectively managing and maintaining data resources, ensuring the integrity, reliability, availability, and compliance of organizational data and information. For data users to be able to make informed decisions, we need to establish a culture of information literacy at DBHDS.

The goals of the project are to:
- Adopt an organized system to manage data effectively and ensure clean, consistent data.
- Ensure use of standard, repeatable processes and procedures for data entry, reporting, and sharing.
- Establish a data quality culture that drives data-driven decision-making.
- Improve data literacy across DBHDS, facilities, and CBS's.
- Improve data quality so that business has confidence in the data.
- Project will adopt a phased approach, using the CCS3 application as its pilot.

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Project Formal Title: DBHDS Incident Management System Project
Agency: Department of Behavioral Health and Development Services (DBHDS)
Secretariat: Health & Human Resources
Investment Status: Investment Business Case Approval

Project Description:

The priority is to combine the reporting of Community Providers & DBHDS Operated Facilities into a single system. This would include reporting of serious incidents, serious injuries, allegations of abuse and neglect, complaints about human rights violations, and instances of seclusion and restraint. The single system shall be scalable to combine reporting of Facilities for allegations of abuse and neglect, complaints about human rights violations, and instances of seclusion and restraint. Sometimes a single incident may need to be reported as both a serious incident/injury and an allegation of abuse or neglect (e.g., an individual falls and breaks his arm after being shoved by a staff member). Currently the provider must make two separate reports, one to licensing and one to human rights. Ideally they would enter the information in a single interface that would collect all information and send the relevant data to licensing and human rights staff.

Project Scope:

The priority is to combine the reporting of Community Providers & DBHDS Operated Facilities into a single system. This would include reporting of serious incidents, serious injuries, allegations of abuse and neglect, complaints about human rights violations, and instances of seclusion and restraint. The single system shall be scalable to combine reporting of Facilities for allegations of abuse and neglect, complaints about human rights violations, and instances of seclusion and restraint. Sometimes a single incident may need to be reported as both a serious incident/injury and an allegation of abuse or neglect (e.g., an individual falls and breaks his arm after being shoved by a staff member). Currently the provider must make two separate reports, one to licensing and one to human rights. Ideally they would enter the information in a single interface that would collect all information and send the relevant data to licensing and human rights staff.

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Project Formal Title: DBHDS Proj - Enterprise Data Warehouse
Agency: Department of Behavioral Health and Development Services (DBHDS)
Secretariat: Health & Human Resources
Investment Status: Investment Business Case Approval

Project Description:

DBHDS will contract with a vendor (to be determined) to stand up, host, and maintain an Enterprise Data Warehouse (EDW) Software as a service (SaaS) platform to replace the existing data warehouse hosted by VITA and maintained by DBHDS. The existing reports will be refactored to use the new EDW platform. The new EDW will be populated with data that will be ingested directly from the source systems (i.e., investigate near real-time data ingestion).

Project Scope:

DBHDS will contract with a vendor (to be determined) to stand up, host, and maintain an Enterprise Data Warehouse (EDW) Software as a service (SaaS) platform to replace the existing data warehouse hosted by VITA and maintained by DBHDS. The existing reports will be refactored to use the new EDW platform. The new EDW will be populated with data that will be ingested directly from the source systems (i.e., investigate near real-time data ingestion).

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Project Formal Title: DBHDS Project - CCS3 Sunset
Agency: Department of Behavioral Health and Development Services (DBHDS)
Secretariat: Health & Human Resources
Investment Status: Project Initiation Approval

Project Description:

The Virginia Department of Behavioral Health and Developmental Services (DBHDS) current data-sharing methodology is antiquated and does not support Virginia's ability to accurately determine service/program impact on population health or Community Service Boards (CSB's) performance. As a result, DBHDS is seeking to replace the Community Coordination System Version 3 (CCS3) with a new integration tool that would allow for more real-time, transactional, bi-directional data exchange. CCS3 is the existing application that gathers outcomes from CSB's and reports them to the Substance Abuse and Mental Health Services Administration (SAMHSA) and the General Assembly.

Project Scope:

Project scope includes the exchange of any relevant data contained in the CSB Electronic Health Record with the department's data warehouse. This is mainly governed by current reporting requirements, but data required for the agency to carry out its obligation as the state-level oversight of the public behavioral health system is also within scope. Project scope includes the exchange of any relevant data contained in the CSB Electronic Health Record with the department's data warehouse. This is mainly governed by current reporting requirements, but data required for the agency to carry out its obligation as the state-level oversight of the public behavioral health system is also within scope.

 Project Scope includes:

1. Implement the integration solution
    * Procure the solution
    * Manage vendor implementation to create integrations between the DBHDS EDW and the CSB EHR systems
    * Implement business rules to enforce data quality
    * Optimize file/data transfer using APIs/HL7 or other industry standards where possible
    * Sunset CCS3 application

2. Refactor SAMHSA and General Assembly reports
    * Map the EHR data to the required federal and state reports
    * Recreate the reports which are dependent on CCS3 application

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3. Provide a portal for users to view the data submitted and the results of the data quality checks

4. Provide End user training
   - Create education and training for CSB users related to data submission (industry standard HCPCS / ICD-10 codes) to DBHDS
   - Provide training on the new solution's user portal

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Project Formal Title: DBHDS Revenue Cycle (AVATAR) Replacement Project
Agency: Department of Behavioral Health and Development Services (DBHDS)
Secretariat: Health & Human Resources
Investment Status: Investment Business Case Approval

Project Description:

DBHDS is seeking to implement a financial management application tool used for revenue cycle processes including billing facility claims and financial/reimbursement data management. This new system will replace the existing practice management system, Avatar, used by facility and reimbursement staff.

DBHDS currently collects limited revenue as regulated by the Federal Register, Centers for Medicare, and Medicaid Services (CMS), and the Department of Medical Assistance Services (DMAS) across its eight mental health facilities, one child and adolescent facility, one training center, and one medical center. In recent years, DBHDS has strived to achieve Medicare certification at those facilities who were not currently certified. Achieving and maintaining Medicare certification allows DBHDS facilities to bill applicable federal entitlements for medically necessary inpatient stays rather than determining a consumer's ability to pay from the total cost of care.

With these certification changes comes a need for more frequent and advanced billing processes. DBHDS currently utilizes a NetSmart application for accounts receivable billing processes. This non-cloud based system has allowed DBHDS to effectively process billing needs since May 2003 but the need for more sophisticated SaaS solution to meet our current needs. By adopting a new accounts receivable billing system that better aligns with the EHR, certification changes, and facility needs, DBHDS will minimize inefficiencies and potentially increase revenue. Components of the new system will include registration, patient eligibility verification, utilization review needs, coding, claims submission, and reporting. Both eligibility verification and claims submissions will require a clearinghouse system add-on that will connect directly with the new billing system and payers.

Project Scope:

DBHDS currently collects limited revenue as regulated by the Federal Register, Centers for Medicare and Medicaid Services (CMS), and the Department of Medical Assistance Services (DMAS) across its eight mental health facilities, one child and adolescent facility, one training center, and one medical center. In recent years, DBHDS has strived to achieve Medicare certification at those facilities who were not currently certified. Achieving and maintaining Medicare certification allows DBHDS facilities to bill applicable federal entitlements for medically necessary inpatient stays rather than determining a consumer's ability to pay from the total cost of care.

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With these certification changes comes a need for more frequent and advanced billing processes. DBHDS currently utilizes a NetSmart application for accounts receivable billing processes. This non-cloud based system has allowed DBHDS to effectively process billing needs since May 2003 but the need for more sophisticated SaaS solution to meet our current needs. By adopting a new accounts receivable billing system that better aligns with the EHR, certification changes, and facility needs, DBHDS will minimize inefficiencies and potentially increase revenue. Components of the new system will include registration, patient eligibility verification, utilization review needs, coding, claims submission, and reporting. Both eligibility verification and claims submissions will require a clearinghouse system add-on that will connect directly with the new billing system and payers.

This project will include an RFP solicitations, vendor selection and then implementation completely replacing the outdated legacy solution.

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Project Formal Title: DBVI-VIB ERP Implementation (Financials & Mfg)
Agency: Department of Aging and Rehabilitative Services (DARS)
Secretariat: Health and Human Resources
Investment Status: Project Initiation Approval

Project Description:

The DBVI ERP effort will complete the full decommissioning and replacement of existing DBVI ERP systems of record. Various stand-alone applications, databases, and worksheets that gather necessary data to support functions such as help desks, facilities management, and team collaboration. Additionally, the effort will require integration and testing with other COV applications, including:

- Internal Accounting Tool: FRATE/FRATE-Mart (DARS)
- COV Accounting Tool: Cardinal (DOA)
- Vendor Registration & Purchasing Tool: eVA (DGS)

Project Scope:

- The DBVI ERP project will require the deployment of the following ERP modules in the Odoo toolset:
- Customer Engagement: Marketing Automation, Email Marketing, Helpdesk, Social Marketing, Field Service, Website, eCommerce, Events, Studio
- Workflow Management: Planning, Project, Documents, Approvals
- Product: Product Lifecycle Management, Manufacturing, Quality, Inventory, Maintenance
- Sales Support: Sales, Point of Sale, Rental, Sign
- Shipping: FedEx Shipping, UPS Shipping
- Finance & Accounting: Accounting, Consolidation, Invoicing, Purchase, Timesheets

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Project Formal Title: DCLS Environmental Lab Upgrade
Agency: Department of General Services (DGS)
Secretariat: Administration
Investment Status: Project Initiation Approval

Project Description:

The Division of Consolidate Laboratory Services (DCLS) is seeking a Laboratory Information Management System (LIMS) to support laboratories within the Division whose primary focus is in the field of environmental testing services. The ideal LIMS solution will be purpose built for management of all aspects of environmental testing following the rigorous requirements of the multiple accreditations held by DCLS.

This solution will be hosted at the VITA data center. Additionally, in the event of failure of the WAN or centralized data center, the system must switch over to another installation.

DCLS has numerous mission critical requirements and cannot afford any downtime.

Project Scope:

The Division of Consolidate Laboratory Services (DCLS) is seeking a Laboratory Information Management System (LIMS) to support laboratories within the Division whose primary focus is in the field of environmental testing services. The ideal LIMS solution will be purpose built for management of all aspects of environmental testing following the rigorous requirements of the multiple accreditations held by DCLS. This will be an on premise solution as the system need to integrate with instruments at DCLS. Additionally system should be able to fail over and run at DCLS in the event of loss of WAN/data center connectivity.

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Project Formal Title: DEQ Oracle EBS Upgrade Project
Agency: Department of Environmental Quality (DEQ)
Secretariat: Natural Resources
Investment Status: Project Initiation Approval

Project Description:

Project to upgrade the agency's existing Oracle EBS solution in order to update and bring into compliance and to implement additional functionality. This will be done as a software as a service solution (SaaS) as opposed to an on-premise Oracle implementation. Project will include the implementation of Oracle's ERP, HCM and EPM solutions with key integrations to state mandated and legacy systems for DEQ's Finance, Supply Chain, Human Resources and Budgeting functions.

Project Scope:

Project to upgrade the agency's existing Oracle EBS solution in order to update and bring into compliance and to implement additional functionality. This will be done as a software as a service solution as opposed to an on-premise Oracle implementation. Project will include the implementaiton of Oracle's ERP, HCM and EPM solutions with key integrations to state mandated and legacy systems for DEQ's Finance, Supply Chain, Human Resources and Budgeting functions.

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Project Formal Title: DHCD Rent Relief Program Project
Agency: Department of Housing and Community Development (DHCD)
Secretariat: Commerce and Trade
Investment Status: Investment Business Case Approval

Project Description:

The Virginia Rent Relief Program (RRP) is administered by DHCD as the Commonwealth's emergency rent relief program in response to the Covid-19 pandemic. Funding for RRP has predominantly come from federal sources such as Coronavirus Relief Funds (CRF) and the Emergency Rental Assistance program (ERA), but some state funds have also been used. ERA as a funding source will remain available to DHCD until September 30, 2025. The programmatic structure of DHCD's administration of RRP has had multiple iterations since its inception in late-June 2020. Beginning in late summer 2021, DHCD will again be evolving its program structure resulting in the need for an RFP related to a cloud/web based software system and services for constituent support. The software will ideally allow tenants and landlords to cooperatively apply for rental assistance that would be paid directly to the landlord via direct deposit, while also allowing the service provider of constituent services to process direct payments to tenants in the event a landlord chooses not to participate. This latter ability is mandated as a program feature by the U.S. Department of the Treasury. The cloud/web based software system will need to support a program application that captures a variety of data elements required for monthly and quarterly reports to the U.S. Department of the Treasury on areas such as, but not limited to: spending rates, number of households served, household demographics, etc. In addition, the cloud/web based software will need to provide applicants, service provider(s), and DHCD with the ability to track the status of an application's status in terms of completion progress, attachment of required documents, review by processors, negotiation(s) from processors to applicants, approval time, length of time within each status level, approval date, payment date, and allow for constituents to return for multiple rounds of assistance while ensuring there are no duplicative payments for a time period to either a landlord or a tenant, and tracking payments across multiple funding sources.

Project Scope:

This project will allow DHCD to streamline the process for executing the Rent Relief Program. As Virginia Housing exits their current role of managing the Landlord portion of the program, DHCD will take over the entire execution of the program. Procuring services and systems to continue to provide first class service to those needing assistance is crucial to the role DHCD has been given with this program.

Appendix C – 2023 Major IT Project Descriptions

Project Formal Title: Digitize Bridge Inspection Reports Project
Agency: Department of Transportation (VDOT)
Secretariat: Transportation
Investment Status: Project Initiation Approval

Project Description:

VDOT needs to select and implement a modern, automated inspection software tool that efficiently captures key data, streamlines workflows, integrates data across key systems, and accelerates development of reports and analysis.

Project Scope:

The Digital Bridge Inspection Report Project will transition VDOT Bridge inspections from a manual paper-based bridge inspection system to an automated, digital system. This system will provide out-of-the-box integration with AASHTOWare Bridge Management (BrM) in a Commercial off the Shelf (COTS) package that is cloud based and meets ECOS certification requirements. Mobile data collection will be enabled during inspections and access to historical bridge inspection reports will be available to bridge inspectors on-site without network connectivity. The software will enable an automated yet configurable report development process. The solution will include functionality for tabular data entry, and the ability to generate sketches and drawings. The solution will provide data synchronization once wireless connectivity is restored. Multiple users and mobile devices will be able to work simultaneously on the same inspection report. Across the Commonwealth of Virginia, a minimum of 200 users may have simultaneous access without degradation of performance, and single sign-on shall be enabled to the COV network. There shall be customizable functionality to store relevant inspection cost data, customizable form creation inspection report creation, which will eliminate the largely manual existing process of inspection report development. The application will function on all VDOT devices (laptop, tablet, and mobile), and shall be hosted on a vendor-provided cloud using commercial off-the-shelf software configured to accommodate specific VDOT requirements.

Appendix C – 2023 Major IT Project Descriptions

Project Formal Title: DMV Project 2021: Re-platform CSS Mainframe Apps
Agency: Department of Motor Vehicles (DMV)
Secretariat: Transportation
Investment Status: Project Initiation Approval

Project Description:

Citizen Services System (CSS) is Virginia DMV's mainframe based application and system of record for storing information on customers to include addresses, driver history, vehicle registration, titling information, insurance and financial transactions as major data categories. CSS is running in the OS/390 environment at VITA. DMV's CSS application programs are built using the Software AG products ADABAS, Natural, Predict, EntireX/Broker and COMPLETE.

Project intent is to migrate existing Software AG based applications off of the mainframe, re-platform the infrastructure on Microsoft Windows servers, and modernize the ADABAS database to Microsoft SQL Server.

Project Scope:

This project is a critical part of the DMV's transition to a completely functional replatformed mainframe environment. At a minimum, the project must deliver replatformed mainframe applications and data that:

- Executes replatformed functionally equivalent .Net/C# and SQL code in the new target environment at the same or better performance;
- Re-integrates all current interfaces;
- Results in consistent or greater functionality in the target environment;
- Results in similar interruption of service or better.

In order for DMV to retire its use of the mainframe, all system components must be replatformed on the new platform. These system components include but are not limited to:

- Application code (predominately Natural with a very small subset of COBOL and Assembler)
- Databases (ADABAS)
- Batch / JCL
- Integrations
- Print sub-systems
- Data warehouses for Audit and Privacy

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The Project will replatform existing applications and data from the mainframe operating system and hardware platform environment to a fully functional future state environment. The Services provided by this project must identify all licensing and supporting software necessary to support the DMV solution in the new target environment.

Additional information on the breadth and scale of the application components in scope are included in a separate document.

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Project Formal Title: DMV Project 2022: dmvNOW Website Technical Rebuild
Agency: Department of Motor Vehicles (DMV)
Secretariat: Transportation
Investment Status: Project Initiation Approval

Project Description:

Citizen Services System (CSS) is Virginia DMV's mainframe based application and system of record for storing information on customers to include addresses, driver history, vehicle registration, titling information, insurance and financial transactions as major data categories. CSS is running in the OS/390 environment at VITA. DMV's CSS application programs are built using the Software AG products ADABAS, Natural, Predict, EntireX/Broker and COMPLETE.

Project intent is to migrate existing Software AG based applications off of the mainframe, re-platform the infrastructure on Microsoft Windows servers, and modernize the ADABAS database to Microsoft SQL Server.

Project Scope:

This project is a critical part of the DMV's transition to a completely functional replatformed mainframe environment. At a minimum, the project must deliver replatformed mainframe applications and data that:

- Executes replatformed functionally equivalent .Net/C# and SQL code in the new target environment at the same or better performance;
- Re-integrates all current interfaces;
- Results in consistent or greater functionality in the target environment;
- Results in similar interruption of service or better.

In order for DMV to retire its use of the mainframe, all system components must be replatformed on the new platform. These system components include but are not limited to:

- Application code (predominately Natural with a very small subset of COBOL and Assembler)
- Databases (ADABAS)
- Batch / JCL
- Integrations
- Print sub-systems

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- Data warehouses for Audit and Privacy

The Project will replatform existing applications and data from the mainframe operating system and hardware platform environment to a fully functional future state environment. The Services provided by this project must identify all licensing and supporting software necessary to support the DMV solution in the new target environment.

Additional information on the breadth and scale of the application components in scope are included in a separate document.

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Project Formal Title: DOLI Dynamics Deployment Project
Agency: Department of Labor & Industry (DOLI)
Secretariat: Labor
Investment Status: Project Initiation Approval

Project Description:

Microsoft Consulting Services will work with agency to customize Microsoft Dynamics, CE and F&O to replace agency's legacy Oracle applications. DOLI has submitted RFS (PRJ0012920) to set up Azure services through VITA.

The Microsoft Consulting Services PGR supports this project. DOLI committed to an SOW with Microsoft that conforms to the VITA standard and contains all of the essential elements to plan and execute a successful project.

Project Scope:

Microsoft will develop applications using configuration of Microsoft Dynamics 365 and Power BI. The four applications will be used for the separate business applications, user groups and use cases under the same tenant.

Workstream 1:
Microsoft Dynamics 365 ERP Finance and Operations; 25 processes described in attached SOW; including:
- Accounts Receivable
- General Ledger
- System Framework
- Power BI reporting (44 reports)

Workstream 2:
Microsoft 365 Dynamics Customer Engagement:
- Payroll Investigations and Lead & Asbestos Abatement

Workstream 3:
Microsoft 365 Dynamics Customer Engagement:
- Legal Case Management

DOLI will provide Microsoft with the existing data and Microsoft will migrate, convert, and load the data.

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Project Formal Title: EAP Percentage of Income Payment Program (CR671)
Agency: Department of Social Services (DSS)
Secretariat: Health & Human Resources
Investment Status: Project Initiation Approval

Project Description:

Virginia HB2330 established the Percentage of Income Payment Plan (PIPP) as a component of the Energy Assistance Program (EAP). PIPP is to assist low-income customers of Dominion and APCo/AEP in Virginia with paying their electricity bills.

VaCMS will be modified to allow the submission of EAP-PIPP applications by Call Center workers. The changes made to RDE will allow PIPP applications to be submitted anytime during the year. The assumption is that CommonHelp will be modified by VDSS to allow residents to apply from CommonHelp where CommonHelp will also allow PIPP applications to be submitted anytime during the year.

Cases approved for EAP PIPP components will be referred to the Department of Housing and Community Development (DHCD) for audit purposes. An interface with DHCD will be created in VaCMS to include the EAP PIPP approved cases in a daily fixed length file that will be sent to DHCD.

Project Scope:

Virginia HB2330 established the Percentage of Income Payment Plan (PIPP) as a component of the Energy Assistance Program (EAP). PIPP is to assist low-income customers of Dominion and APCo/AEP in Virginia with paying their electricity bills. The following changes will be made to VaCMS to enable this component of EAP.

- Changes to RDE and CommonHelp
- EAP Inbox and EAP Data Collection
- Eligibility, Correspondence, and Batches
- Reports
- Referral to Department of Housing and Community Development (DHCD)

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Project Formal Title: Early Childhood Licensing - IDM Project
Agency: Department of Education (DOE)
Secretariat: Education
Investment Status: Project Initiation Approval

Project Description:

Division of Licensing Programs Help and Information Network (DOLPHIN) is the current application that VDOE Licensing Programs uses to conduct inspections and track licensure case load and stats for Child Welfare and Children's programs. DOLPHIN is a 17-year old legacy system. The application has two components: Versa Regulations (VR), the database and Versa Mobile (VM), a tool utilized for synchronization to VR. The Division of Licensing Programs has the opportunity to obtain a new customer-centric application that will fully align with its business and public sector technological modernization needs. The strategic technical plan for the new application is to ensure business requirements, workflow processes, interfaces and conversion of data from the existing application are included. Specifically, the two-way interface with VaCMS designed for Subsidy facilities that are marked as Open or Closed for purposes of receiving federal funding from the Child Care Discretionary Fund is a must. Specific data fields such as the Legal Entity of Record (LEOR) must be integrated in the new application. The new application must interface with the Background Information System (BIS) to generate a Fieldprint code that is provided to new or existing children's facilities that are required to secure Fieldprint fingerprint - related background information for employees and/or volunteers from the third-party vendor Fieldprint. Once a fingerprint scan is done, Fieldprint stores all confidential information in a MyFieldprint website portal designed for BIS staff's use. Staff can view individual, weekly and monthly fingerprint requests and associated details.

Project Scope:

Implementation of the VERSA:Regulation (VR) application that supports all back-office licensing and regulatory functions, along with supporting enforcement, cash, workflow, and inspection modules. This application will be used by back-office staff to support and maintain all regulatory information (data and documents) require by both the Authorized User and Virginia Department of Social Services (VADSS).

This implementation will involve migrating all licensing and regulatory data, documents, and configuration from the existing VERSA:Regulation application currently contracted with VADSS. All existing configuration, that maintains all back-office business data elements and characteristics, will also be migrated. During this automated migration, Tyler will also correct/merge any existing duplicate Entity information using matching criteria supplied by the client (Authorized User and VADSS) and purge any old data that is no longer required.

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All customizations and interfaces implemented on the existing VERSA:Regulation application, contracted by VADSS, will also be migrated to the latest version of VERSA.

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Project Formal Title: Early Intervention Part C Data System (ITOTS)
Agency: Department of Behavioral Health and Development (DBHDS)
Secretariat: Health & Human Resources
Investment Status: Project Initiation Approval

Project Description:

Purchase a comprehensive early intervention data system to replace the current Infant and Toddler Online Tracking system (ITOTS).

Project Scope:

The new system will:

- Combine two applications; Practitioner Certification and ITOTS into one application with greatly increased functionality;
- Reduce the many separate and distinct case management systems which are used by local Early Intervention Part C agencies;
- Eliminate the need for submission of Fiscal data in Excel spreadsheet by 40 local Early Intervention Part C agencies as DBHDS will be able to access the data; and
- A new data system would eliminate the need for local agencies to enter data into their local system and then in the state system.
- Ability to meet state and federal reporting requirements and address data requests from other agencies and organizations with complete, accurate and timely data;
- Ability to connect and analyze data at a more sophisticated level in order to plan system improvements, including identifying and addressing any subgroup differences in child and family outcomes;
- Effective budgeting and fiscal forecasting at state and local levels;
- Ability to evaluate and revise the allocation formula to ensure equitable distribution of federal and state Part C funds based on need;
- Maximize local revenue from Insurance & DMAS by collecting sufficient information for billing;
- Improved efficiency at state and local levels with elimination of paper processes and duplicate data entry that's required with ITOTS for local systems that have their own local data system;
- Consistent data and reporting availability across all local systems;
- Improved compliance with federal and state requirements as a result of built-in edit checks and reminders;
- Efficiency with job tasks, including documentation;
- Improved responsiveness to family needs with ability to access information and forms in the field;

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- Potential to get children and families into services morequickly as a result of scheduling functionality and reduction in paper processes;
- Increased referrals and more efficient referral process; and
- Improved collaboration among team members supporting the child and family since contract agency providers would now have access to the system and documentation could be shared efficiently.

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Project Formal Title: eGovernment Self Help Expansion My Virginia TAX
Agency: Department of Taxation (TAX)
Secretariat: Finance
Investment Status: Investment Business Case Approval

Project Description:

My Virginia TAX is the Department's version of "My Account" which will allow taxpayers (individuals and businesses) to access their data/information online with the use of a more robust single sign-on/ authentication portal with security questions to allow for self-service when they forget their password.Today TAX maintains multiple systems with multiple Login entry points. Taxpayers have long complained about not being able to go one place on our website to access our online systems.The My Virginia TAX concept would include an improved version of the functionality we provide today, as well as provide new functionality that is not there today. Taxpayers would be able to electronically file and pay any tax.Taxpayers would be able to access a complete history of their account including past filings, payments made, refunds issued (including Where's My Refund status while pending), correspondence that was sent assessments/bills pending (and paid).

Project Scope:

My Virginia TAX is the Department's version of "My Account" which will allow taxpayers (individuals and businesses) to access their data/information online with the use of a more robust single sign-on/ authentication portal with security questions to allow for self-service when they forget their password.

Today TAX maintains multiple systems with multiple Login entry points. Taxpayers have long complained about not being able to go one place on our website to access our online systems.

The My Virginia TAX concept would include an improved version of the functionality we provide today, as well as provide new functionality that is not there today.

Taxpayers would be able to electronically file and pay any tax.

Appendix C – 2023 Major IT Project Descriptions

Project Formal Title: Electronic Health Record Project
Agency: Department of Health (VDH)
Secretariat: Health & Human Resources
Investment Status: Investment Business Case Approval

Project Description:

VDH will be looking for a SaaS solution to implement a public health electronic health records (EHR) system that will provide secure, real-time access to patient care and outcomes, analytical reporting, interoperability between systems and to ultimately ensure clinical and program standards throughout the Commonwealth of Virginia. The solution will facilitate the collection of clinical, laboratory, billing, scheduling, and other health related information.

Project Scope:

The ability for the Virginia Department of Health (VDH) to obtain a Public Health focused, comprehensive, interoperable EHR solution that will facilitate the collection of clinical, laboratory, billing, scheduling, and other health related information is a critical need. This need has been further accentuated by the recent COVID-19 public health response. The lack of a robust and integrated technical infrastructure impacted health outcomes leading to a higher likelihood of missed opportunities in timely public health interventions such as testing and contact tracing. Public Health EHR systems can not only help with a pandemic response but can be a powerful tool to assess and improve population health outcomes as well through real-time reporting and data analysis.

VDH is seeking to procure a Public Health-focused, Commercial Off the Shelf (COTS) tool that is Cloud hosted to replace its legacy patient demographic and billing system (WebVISION) that was developed by VDH. The agency seeks to interface with existing single programmatic solutions such as the Virginia Information Immunization System (VIIS) and serve as the main repository of information across multiple clinical services programs including Family Planning, women's health, maternity, STD, HIV, TB, BabyCare, Pre-Admission Screenings for Medicaid Long Term Care, Refugee Services, Early Childhood Intervention Program, Resource Mothers, School Physicals, Opioid Education & Counseling, and immunization. This solution will offer strong data analytics for improving public health outcomes, comply with patient safety and regulatory standards, including the Health Insurance Portability and Accountability Act (HIPAA) of 1996. The goal is to deploy this capability across 120 clinic sites to serve over 250,000 patients or 400,000 clinical encounters per year. Through the use of a Public Health EHR system and health information exchanges (HIE), VDH can leverage health information technology to efficiently collect and share data, reduce cost, improve emergency response, and make more timely diagnosis of health conditions that improve not only individual health, but also impacts population health across our in communities in the Commonwealth.

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Project Formal Title: Electronic Healthcare Records
Agency: Department of Corrections (DOC)
Secretariat: Public Safety and Homeland Security
Investment Status: Project Initiation Approval

Project Description:

Through the implementation of the VADOC EHR solution, the agency will be able to realize improvements in service delivery, greater accessibility of data and data sharing, improved communications and collaboration across the medical services staff, and greater coordination of care. Currently, offender health records are either kept on paper or in an information system which is not integrated with CORIS. VADOC relies on manual processes and paper forms for the delivery, management, and administration of all offender health services. These manual processes are less effective and efficient than would be the case with an EHR. A successful implementation of the VADOC EHR will institute private industry best practices in our electronic information and data exchange, resulting in greater efficiencies in the administration, services, and processes of the agency.While an EHR implementation at the VADOC is a new endeavor for the agency, it has quickly become a standard in the medical industry.

Project Scope:

Create an Electronic Health Records solution that will interface with VirginiaCORIS (the DOC Offender Management System). The solution will replace the existing paper health record for offenders,and automate the process for health records

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Project Formal Title: Federal Program Management Application PROJ
Agency: Department of Transportation (VDOT)
Secretariat: Transportation
Investment Status: Investment Business Case Approval

Project Description:

The State Transportation Improvement Program (STIP) database within the Integrated Six-Year Program (iSYP) suite is fragile, unstable and prone to outages. According to the business area, when the STIP database was developed it initially only met some of the department's needs and has never reached the full potential desired by Budget and Funding Management Division (BFMD) or its predecessor divisions. the Federal Strategy database was built using an MS-Access database and is outdated and unreliable. The patchwork of systems lacks transparency, is not conducive to implementing federal requirement changes, and results in a myriad of standalone spreadsheets used to perform the associated project analyses. Incomplete and inadequate reporting functionality means, in some cases, manual report manipulation and/or generation and reliance on division technical experts to run many reports. The current applications do not allow for multi-year planning in an integrated way despite the fact that the business needs of the department dictate the need for multi-year planning and the ability to develop a true Federal Strategy. A lack of integration among the many federal, VDOT and BFMD systems creates many unwelcome opportunities for duplication of effort and rework among the BFMD teams and their stakeholders.

Project Scope:

The STIP database within the Integrated Six-Year Program (iSYP) suite is fragile, unstable and prone to outages. According to the business area, when the STIP database was developed it initially only met some of the department's needs and has never reached the full potential desired by BFMD or its predecessor divisions. the Federal Strategy database was built using an MS-Access database and is outdated and unreliable. The patchwork of systems lacks transparency, is not conducive to implementing federal requirement changes, and results in a myriad of standalone spreadsheets used to perform the associated project analyses. Incomplete and inadequate reporting functionality means, in some cases, manual report manipulation and/or generation and reliance on division technical experts to run many reports. The current applications do not allow for multi-year planning in an integrated way despite the fact that the business needs of the department dictate the need for multi-year planning and the ability to develop a true Federal Strategy. A lack of integration among the many federal, VDOT and BFMD systems creates many unwelcome opportunities for duplication of effort and rework among the BFMD teams and their stakeholders.

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Project Formal Title: Financial Management System Upgrade
Agency: Virginia Employment Commission (VEC)
Secretariat: Labor
Investment Status: Project Initiation Approval

Project Description:

Upgrade VEC's Oracle E-Business Suite application to a newer version. This also involves upgrading the underlying Oracle database version. Work to be done by contractor and will be hosted within VITA's Oracle Cloud Infrastructure.

Project Scope:

Upgrade VEC's Oracle E-Business Suite application to newer version. This also involves upgrading the underlying Oracle database version. Work to be done by contractor. There are batch file exchanges with Cardinal.

NOTE: This project is not an EO19 effort. The EO19 effort of migrating physical servers to virtual servers is being done through demand DMND0003277 to transition the EBS supporting infrastructure over to the Oracle Cloud Infrastructure (OCI).

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Project Formal Title: Fuel Hardware and Software Replacement Project
Agency: Department of Transportation (VDOT)
Secretariat: Transportation
Investment Status: Project Initiation Approval

Project Description:

The project objective it so replace E.J. Ward with a new module from the AssetWorks M5 System, (FuelFocus). This module will be hosted at QTS. E.J. Ward fuel terminal hardware will also be replaced and firewalls installed to support each fuel terminal.

Integrations with other VDOT systems will be created for the FuelFocus software. They will be created by a combination of Vendor and VDOT resources.

Installation of fuel terminals will be performed by the Vendor. Firewall installation and circuit upgrades, if needed, will be performed by VITA.

Scope:

Replace VDOT's existing E. J. Ward Fuel System that supports a fleet of 6,000 VDOT vehicles and provides fuel services to other state agencies. This includes replacing 254 existing Fuel Control Terminals (hardware) located throughout all nine VDOT districts, implementing a new module (Fuel Focus) of the AssetWorks M5 system already in use for fleet management at VDOT, and adding integrations to the Fuel Focus module. Some of the sites will need new or replacement firewalls and upgraded network connectivity as part of the rollout. Extensive research, along with a Proof of Concept (POC) at two fuel sites, has determined that completely replacing the EJ Ward System with AssetWorks Fuel Focus RFC2500 is the best path forward for the Agency. The E. J. Ward fuel terminals are obsolete, and E. J. Ward communicated to VDOT that spare parts are no longer available. VDOT is currently purchasing spare fuel terminal parts on eBay, from other states to mitigate this problem. A complete replacement of the EJ Ward solution is the indicated solution.

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Project Formal Title: Human Capital Management Cloud Implementation Project
Agency: Department of Transportation (VDOT)
Secretariat: Transportation
Investment Status: Project Initiation Approval

Project Description:

VDOT HR is looking to implement an integrated SaaS solution to replace several HR systems that are outdated and are unsupported or are using soon to be-unsupported technologies. The SaaS solution will automate the processes and sub processes involved in recruiting, hiring, onboarding, performance management, compensation, health and safety, HR administration, succession, and the HR help desk. The solution will support agency initiatives such as VDOT of Tomorrow, the Agency Business Plan, and the Governor's mandate for Cloud Technology.

Scope:

VDOT will replace the following seven HR Applications with Oracle's Human Capital Management SaaS Solution.

1. HR Works!. VDOT's custom HR workflow system.
2. Injury, Illness, and Occurrence (IIO) Reporting tool. This application is for VDOT personnel to report workplace injuries so that they can be reported to OSHA which is a Federal mandate.
3. Telework Agreement.
4. Transitional Work Assignment. These two applications are used to manage the roughly 2,000 VDOT personnel with telework or transitional work agreements. This number is expected to grow to accommodate workplace changes due to the pandemic and to provide annual reporting for EO-109 compliance.
5. Civility Tool. This application processes employee complaints associated with DHRM's civility policy.
6. Q&A - This is a legacy application used to generate our Compensation Planning and analysis, process market data for VDOT salary ranges and generate the content used by other tools and executive reporting.
7. Org Publisher. This tool provides interactive Org Charts and data visualizations for Agency decision making and tracking.

And will convert a number of manual processes to automated ones via the Supplier engagement and implementation of the Oracle capabilities.

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Project Formal Title: Instructional Improvement System Project - 2020
Agency: Department of Education (DOE)
Secretariat: Education
Investment Status: Project Initiation Approval

Project Description:

DOE plans software development using a vendor on Virginia's state-wide contract. The system will provide the DOE and school divisions with data analytics in the areas of accreditation and early warning system on school and student performance. The software end product will be hosted by VITA Amazon Web Services and will utilize Tableau to display graphical data. Off-the-shelf software is not out available in the marketplace- the VA accreditation system is unique and specific to the state and there wouldn't be a commercial product for it.

Project Scope:

Who: School divisions need a better, more comprehensive way to organize and visualize student data in a way to projects a clear picture of projected student success or risk for failure. The system we are designing will help them do that as well as organize and view accreditation data and monitor overall school progress.

What: School and student success depends on a more understandable way to predict student and overall school performance early enough to intervene and prevent student failure.

Where: This system will be available for all school divisions in future phases. This phase includes only Orange County Public Schools. The system itself will be housed on VITA's AWS, but each division will have access to their own portion of the software. Each division will only have access to their own data.

Why: DOE exists to assist school divisions find more effective and innovative ways to help students succeed. This visualization will greatly add to the ability of school divisions to offer extra attention and support to at risk students who need it early enough to prevent student failure.

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Project Formal Title: Land Use and Outdoor Advertising Permit Processes
Agency: Department of Transportation (VDOT)
Secretariat: Transportation
Investment Status: Project Initiation Approval

Project Description:

The Office of Land Use and Outdoor Advertising (OA) utilize 3 systems for permitting: The Land Use Permit System (LUPS) is used to issue and track land use permits as well as collect sureties and fees; The Online Application allows citizens, localities, corporations, and utility companies to submit permit applications and pay the fees; and the Outdoor Advertising, an MS Access database in conjunction with GIS and a GIS plugin to manage their day to day business of issuing and controlling sign permits. The permitting process between LU and OA are similar, however, it is the desire of the business to find a single solution that will address the needs of both groups if possible.

The business wants a permit system that is more streamlined, has less user intervention (more automated than the current system), and interfaces with the GIS system that can be used for both Land Use and Outdoor Advertising. The system should reduce cycle time and improve the accuracy of managing permits.

Project Scope:

The scope of this project is to create the current state and desired state maps, create the task charts, identify the pain points and to elicit and document the requirements for the management of Land Use permits. The scope of the systems or processes is the Land Use permit management system starting with the permit application request and ending at closing a permit. This includes the online application website and the "Land Use Permit System" (LUPS) systems.

The processes included are:

- Submitting an application
- Receiving an application
- Reviewing an application
- Permit resolution
- Permit finalization

The interfaces that are in scope are the interface between the website and LUPS as well as the interface between LUPS and VDOT's financial system.

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Project Formal Title: Medicaid Dental Program
Agency: Department of Medical Assistance Services (DMAS)
Secretariat: Health and Human Resources
Investment Status: Project Initiation Approval

Project Description:

Two major drivers have affected the timeline for all RFPs and many contracts at DMAS: 1) the moving of the Medicaid Enterprise System (MES) implementation date from December 1, 2019 until mid-year 2020, and 2) the recently passed high-risk legislation effective July 1, 2019. Both drivers have required DMAS as a whole to re-evaluate release dates and timing for all of the agency's upcoming RFPs, as well as existing contract renewals and modifications. Once an anticipated timeline for the Smiles For Children RFP has been formalized, we will communicate to the vendor community. With the anticipated RFP, the Department is again interested in gathering information on the latest industry best practices, technologies, and resources for Medicaid dental health services and supports. DMAS invites providers, plans, and other entities with experience in Medicaid dental health program benefits administration to present and submit (no more than a 20 page document), including appendices, information and resources which available in the Medicaid dental market.

Project Scope:

Implement Dental processing services provided by the winning vendor. The transaction processing will take place at the vendor, and DMAS will send and receive outputs and inputs.

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Project Formal Title: Messaging - Agency Transition Project
Agency: Virginia IT Agency (VITA)
Secretariat: Administration
Investment Status: Project Initiation Approval

Project Description:

This project transitions from the legacy messaging and directory services provider(s) to Tempus Nova, the messaging services supplier for email, enterprise collaboration services, and mobile device management for the required Commonwealth 55,000+ users and other public bodies. The project will be complete when VITA has transitioned to the ongoing Operations and Support mode with the winning supplier.

Project Scope:

The high level scope of the project entails the procurement and implementation as part of the IT Sourcing Strategy Program (ITSSP) of mission critical Messaging, Enterprise Collaboration and Mobile Device Management (MDM) Services, transitioning the new services to ongoing operations and maintenance and disentanglement from Northrop Grumman.

VITA awarded the contract for email and related messaging services to Tempus Nova, a Small, Women-owned and Minority-owned (SWaM) certified business, specializing in Google solutions.

Tempus Nova will provide a flexible solution offering a variety of choices for agencies, including options for continued use of existing email software and unlimited storage. The request for proposal (RFP) included email, enterprise collaboration services, directory services and authentication, and mobile device management. No proposals were received for directory services. These services will be addressed in subsequent RFPs.

Tempus Nova recommends a phased approach, which is endorsed by the Google Deployment Team as a best practice and results in a more successful transition to the Google Apps solution. Tempus Nova recommends three phases (e.g., Phase I Core IT; Phase II Early Adopters; Phase IIIa, IIIb, and IIIc Remaining Users) well planned deployment phases, each addressing a specific group of users: Core IT, Early Adopters, and Remaining Users.

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Project Formal Title: Multimodal Mobility Enhancement DI Project
Agency: Department of Transportation (VDOT)
Secretariat: Transportation
Investment Status: Project Initiation Approval

Project Description:

Dynamic Incentivization (DI) will be a data-driven solution offering the public incentives to modify their travel choices and behaviors. The DI will consist of three initiatives. It will offer dynamic incentives which are generated in real-time in response to transportation conditions. Those incentives will be structured to encourage travelers to change their trip in order to reduce the impact of the incidents on the transportation network. There will also be an ongoing loyalty program and periodic challenges which reward travelers for using shared or active (pedestrian, bicycle, etc.) modes to help sustain commuters' interest and promote long-term behavioral changes. The DI will include a set of back-end services which offer incentives, verify compliance with incentivized behavior(s), and distribute rewards. Multiple apps including the existing incentive app in the DC region provided by the Metropolitan Washington Council of Government (MWCOG) will be able to access the services via APIs, and the public will potentially have the option to choose which app they want to use to access incentives. This procurement will award a backend system developer and up to two apps customized to offer all required features. VDOT plans to procure services via the Request for Proposal (RFP) process.

Project Scope:

DI is to be furnished as Software-as-a-Service (Saas), providing the functionality to offer incentives to the public for changing mode, route, or departure time in ways that lessen the overall impact of congestion and incidents for travelers in Northern Virginia. The goal of DI is to incentivize and reward a relatively small number of commuters who have the willingness and flexibility to safely change their travel patterns in a manner that improves the efficiency of the transportation network as a whole. An additional goal of the solution is to change travel behaviors in the long-term, so the solution will also reward travelers for continued use of travel modes that reduce or eliminate single-occupancy vehicle (SOV) trips. While the initial deployment of DI will be limited to Northern Virginia, the solution will be capable of scaling to other parts of the Commonwealth. Incentives will be organized into three complementary programs, all intended to encourage behavior changes that reduce the impacts of incidents and planned events and decrease usage of SOVs:

- Dynamic Incentives - Created in real time in response to incidents;

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- Challenges - Short-term incentives in response to planned events (e.g., construction, Metro station maintenance closures) or to reinforce specific behaviors; and
- Loyalty Incentives - Long-term incentives to reinforce the use of active and shared modes.

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Project Formal Title: ODW SRF Modernization Project
Agency: Department of Health (VDH)
Secretariat: Health & Human Resources
Investment Status: Project Initiation Approval

Project Description:

The Office of Drinking Water (ODW) is looking to modernize its Drinking Water State Revolving Fund (DWSRF) program to improve productivity and better serve citizens and customers. The Office of Drinking Water is seeking to:
- Automate and streamline business processes to significantly reduce and/or remove current manual tasks
- Streamline data collection, increase data quality, and simplify data storage with MS Power Apps leveraging Microsoft SQL Server
- Manage and store documents leveraging SharePoint Online
- Develop an external portal that will simplify funding application and tracking
- Facilitate quick and accurate data reporting

Project Scope:

The Virginia Drinking Water State Revolving Loan Fund (DWSRF) program has a need for a centralized online system to digitize and streamline workflows for managing and tracking the financial and technical assistance it provides to waterworks owners and other recipients. The program recently completed an effort to identify business and technology opportunities that will improve operational efficiency, allow more accurate reporting and analysis, facilitate planning, and support better decision making. Currently, the program has siloed data and technology frameworks, which includes a 14-year-old system combined with manually tracked spreadsheets and other documents. DWSRF is looking to modernize and implement Microsoft 365 Power Automate and Power Apps (MS PowerApps). This solution will realize benefits including:
- Process efficiency, standardization, and modernization
- A central data repository ensuring data quality
- Integrated document management
- Improved reporting and decision making

This project will encompass the following activities related to the Virginia DWSRF's efforts to implement the new system: (1) Project Planning & Environment Set-Up, (2) Data Analysis and Migration Strategy, (3) System Design and Development and (4) Implementation and Change Management Support.

This project will transform the following six (6) DWSRF processes:

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- Construction Projects
- LEAP Projects
- Planning & Design Grants
- Small Project Engineering Services (SPES)
- EPA Capitalization Grant Reporting
- Consent Order

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Project Formal Title: Offender GPS Tracking System Project
Agency: Department of Corrections (DOC)
Secretariat: Public Safety & Homeland Security
Investment Status: Investment Business Case Approval

Project Description:

The Virginia Department of Corrections (VADOC) is planning a procurement to competitively recompete via RFP on an expiring contract for a Global Positioning System (GPS) electronic tracking service and equipment. The Department of Corrections is seeking to procure a cloud-based solution. This procurement ensures VADOC will continue to comply with the Code of Virginia.

Project Scope:

Effective July 1, 2006, the Commonwealth of Virginia required that certain offenders be placed on electronic monitoring. Per the Code of Virginia statute 19.2-295.2:1 certain sex offenders under supervision for failure to register should be subject to electronic monitoring by means of a Global Positioning System (GPS) tracking device, or other similar device. First time offenders convicted of Misdemeanor Fail to Register as a Sex Offender are required to be on electronic monitoring for six (6) months and first time offenders convicted of Felony Fail to Register as a Sex Offender must be on electronic monitoring for two (2) years; repeat offenders must be on electronic monitoring two (2) years for a second or subsequent misdemeanor conviction and five (5) years for a second or subsequent felony conviction. The Code of Virginia statute 37.2-908 states that individuals deemed to be a Sexual Violent Predator are subject to electronic monitoring of their location by means of a GPS tracking device, or other similar device, at all times while on conditional release. Additionally, the Code of Virginia statute 19.2-303 provides that offenders under supervision for certain sexual offenses should be subjected to electronic monitoring. Sex offenders who do not fit in any of the aforementioned categories may be placed on electronic monitoring as mandated by the Department of Corrections policy or as a sanction.

Initially, the Department of Corrections utilized Active and Passive GPS before transitioning to Active GPS only. Currently, the Department of Corrections has 706 individuals on GPS. Although the majority are sex offenders, there are some offenders who are placed on electronic monitoring/GPS due to a high-risk background such as murder or gang affiliation, and a few locations utilize GPS monitoring for Drug Court participants. There is the expectation that the number on GPS will continue to increase, particularly due to the mandated number of years that sex offenders are required to be on GPS/electronic monitoring.

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Provide a system that, at a minimum, should be capable of electronically monitoring an offender's presence at or absence from locations within the Commonwealth of Virginia and other locations. The system should also record the offender's recent movements in the community. The tracking system should be a continuous signaling, GPS portable tracking unit capable of reporting in real-time the continuous location of offenders (active).

- Provide a wearable GPS tracking device for offender monitoring under ISO 9000 Certification Standards for quality control. Additionally, equipment provided by a Contractor should satisfy, at a minimum, performance standards specified in the National Institute of Justice Standard Offender Tracking Systems- NIJ-1004.00.
- Provide tracking equipment, which should be leased by the DOC that should be of the latest technology available from the manufacturer. Throughout the life of the contract and at no additional cost to the state, the Contractor should provide the DOC with the latest equipment model.
- Furnish, at no additional cost to the DOC, all updates and upgrades for all equipment and software.
- Provide tracking equipment that should have the capability to identify the offender assigned to each individual unit.
- Provide tracking equipment that should use standard telephone lines, cell service and/or Wi-Fi to communicate between the individual GPS tracking devices and the monitoring system. All telecommunications charges should be included in the daily unit cost.
- Provide prior to the commencement of the contract and presentation of the tracking equipment, certification that the equipment being presented to the DOC is new and is the manufacturer's latest model. Confirmation of this should be made in writing to the contract Administrator prior to the commencement of this contract.

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Project Formal Title: Oracle EPM implementation Project
Agency: Virginia IT Agency (VITA)
Secretariat: Administration
Investment Status: Project Initiation Approval

Project Description:

Implementation of the Oracle EPM solution, which is a cloud-based tool to be used for VITA's internal budget and forecasting process.

Project Scope:

Implementation of the Oracle EPM solution, which is a cloud-based application to be used for VITA's internal budget and forecasting process. This will include consultant work Oracle licensing, ECOS approval, etc. VITA will purchase from the Mythics contract. The EPM solution will integrate with VITA PeopleSoft through ODI. A data warehouse will be developed, and PowerBI will be used for data analytics and reporting. After implementation, there will be six months of maintenance and support from the same Alpine team.

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Project Formal Title: OT Service and Asset Management Solution Project
Agency: Department of Transportation (VDOT)
Secretariat: Transportation
Investment Status: Project Initiation Approval

Project Description:

VDOT currently uses several tools to manage information for assets connected to the OT (Operations Technology) environment. The existing tools capture independent information about OT assets. This effort will fully integrate VDOT OT assets into a single statewide consistent approach.

All edge devices (e.g., traffic signals, highway message signs, highway cameras), cabinets, network switches, firewalls, TOC servers/desktops, etc. and other digital component asset information will be maintained in a statewide system, identified as Operations Technology Service and Asset Management (OTSaAM).

Project Scope:

VDOT will ask Suppliers to provide the following services:

- Develop detailed technical design for VDOT's OTSaAM including connections to the Security Operation Center, the Identity and Access Management solution, Statewide Traffic Signal System, OSPInsight, and the Statewide ATMS
- Implement CalemEAM as the OTSaAM, including the data integration of existing signal assets from HMMS
- Implement an OT Network Operations Center (NOC) to serve all aspects of OT

The contracts resulting from these procurements will ensure Operations Technology is secure, resilient, and compliant with applicable polices and standards, and will enable VDOT to address and remediate finding identified in the 2018 OT Cybersecurity Assessment."

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Project Formal Title: PPE Lane and Software Upgrade Project
Agency: Department of Transportation (VDOT)
Secretariat: Transportation
Investment Status: Project Initiation Approval

Project Description:

VDOT will install new multi-protocol tag readers, and software upgrades to bring the legacy installations for toll violations, and back-office integration modules for VDOT to meet the new EZ-Pass interface requirements that are anticipated to be in place EZ-Pass wide this coming calendar year. (PPE stands for Powhite Parkway Extension).

Project Scope:

New multi-protocol tag readers, and software upgrades to bring the legacy installations for toll violations, and back-office integration modules current for VDOT to meet the new EZ-Pass interoperability interface requirements that are anticipated to be in place EZ-Pass wide this coming calendar year. (PPE stands for Powhite Parkway Extension).

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Project Formal Title: Pre-trial Community Corrections System Replacement
Agency: Department of Criminal Justice Services (DCJS)
Secretariat: Public Safety & Homeland Security
Investment Status: Investment Business Case Approval

Project Description:

The Pre-trial Community Corrections Case Management application is written in VB6 and lives locally on customer computers. We have 37 jail localities that are required to use this system to carry out the mandates in the Virginia Code § 9.117 et seq. (Comprehensive Community Corrections Act for Local- Responsible Offenders) and § 19.2-152.2 et seq. (Pretrial Services Act).

We confirm that this procurement is in accord with the Chief of Staff April 2 memorandum, which outlined a number of measures to reduce or eliminate agency spending due to the COVID-19 crisis.   We have also attained all internal and external budget approvals necessary to complete this transaction.

Project Scope:

The Pre-trial Community Corrections Case Management application is in place to carry out the mandates in the Virginia Code § 9.117 et seq. (Comprehensive Community Corrections Act for Local- Responsible Offenders) and § 19.2-152.2 et seq. (Pretrial Services Act). This system benefits the Local Pretrial Services Agencies and Local Probation Agencies.

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Project Formal Title: Primary Election System - Project
Agency: Department of Elections (ELECT)
Secretariat: Administration
Investment Status: Project Initiation Approval

Project Description:

ELECT is seeking a solution to replace its current system known as the Virginia Election and Registration Information System (VERIS). VERIS is antiquated and the technology is soon to reach end-of-life; preference is for a cloud-based solution to enhance efficiencies and availability, in order to meet the critical needs of data security related to Commonwealth elections data. Estimated Project Costs include staffing, SEC525, ECOS, data transition and conversion, organizational change management, project management, RFP estimates.

Project Scope:

The purpose of this project is to generate an Request for Proposal (RFP) to solicit proposals for a competitive procurement, to provide a statewide voter registration and election management solution to the Commonwealth of Virginia Department of Elections (ELECT), as directed by the 2019 House Bill (HB) 1700. Upon selection of a proposal, ELECT will work with the chosen vendor to provide guidance and direction in the analysis and deployment of the new statewide voter registration and election management system.

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Project Formal Title: PROJECT: MAINFRAME 2022 - COIN System
Agency: Compensation Board (CB)
Secretariat: Administration
Investment Status: Project Initiation Approval

Project Description:

Project to "Refactor" the COIN system (to convert the current mainframe COBOL/DB2/CICS program code to C#/SQL Server), in order to migrate to servers located at he QTS datacenter.

Project Scope:

Move the COIN system from the mainframe computer to servers located at the QTS Datacenter. Restructure and optimize an existing application without changing its external behavior. The aim is to remove technical debt using application database services while retaining all core business logic and application functionality.

Business Problem: Executive Order 19 (EO-19) and the requirement to exit the mainframe by July 2022

Solution: Refactoring is typically achieved through a combination of automated conversion and code/configuration changes to move the application to the QTS Servers. Automated conversion technology is at the core of this approach, which guarantees functional equivalence as compared to the legacy environment.

The existing COIN systems COBOL/DB2/CICS program code will be converted by Modern Systems, Inc. to C# and SQL Server.

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Project Formal Title: Replace Automated Inventory Mgmt System (AIMS)
Agency: Department of State Police (VSP)
Secretariat: Public Safety & Homeland Security
Investment Status: Investment Business Case Approval

Project Description:

The Virginia State Police ("VSP"), on behalf of the Commonwealth of Virginia ("Commonwealth"), is seeking an enterprise inventory management system to manage the inventory in their centralized and decentralized warehouses and area satellite offices across the Commonwealth.

Project Scope:

Implement an automated inventory system management across all seven VSP Divisions in Virginia. System should manage all consumable inventory and interface with eVa.

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Project Formal Title: Replace LiveScan System Project
Agency: Department of State Police (VSP)
Secretariat: Public Safety & Homeland Security
Investment Status: Investment Business Case Approval

Project Description:

VSP will procure live scan fingerprinting to be located at VSP offices statewide. The live scans will initially be procured to process applicant background check requests that require fingerprints. VSP was recently provided with American Rescue Plan Act (ARPA) funds that are focused on solving problems related to the inability to receive and process applicant background check requests for front line workers in a timely manner. This problem continues to have a significant negative impact on the state's economy. The procurement will also allow VSP to replace manual processes with automated processes, which will reduce manual errors and provide more accurate and reliable data.

Project Scope:

Virginia State Police (VSP) has been granted statewide procurement authority to create a cooperative contract to:

1. establish a standard FBI CJIS compliant livescan solution,
2. provide user-agencies the option to procure devices and peripherals through easy to use online processes that automatically update a centrally managed livescan hardware and software inventory,
3. provide an integrated, cloud-hosted that complies with the Governor's Executive Order 19 (2018),
4. provide reliable, efficient, and secure operations and support for livescan statewide through remote management capabilities or on-site services when services cannot be provided remotely,
5. improve overall customer support and livescan reliability through the use of cloud-based central servers that automate livescan software/support table installations and updates, update livescan
6. configurations, keep livescan inventory updated, assign tracking numbers (e.g. Document Control Number), centralize user administration and centralize the receipt of data from other systems,
7. provide user-agencies with the option to integrate with hardware or software VPN,
8. standardize user-agency interfaces to and from livescans to improve data quality,
9. replace manual processes by providing livescan software and peripherals to capture fingerprints and palm prints to allow the business processes to send transactions to VSP's Automated Fingerprint Identification System (AFIS).

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Project Formal Title: RUMS Replacement Project
Agency: Department of Transportation (VDOT)
Secretariat: Transportation
Investment Status: Project Initiation Approval

Project Description:

The VDOT Right of Way (ROW) and Utilities Management System (RUMS) manages the process where a road construction Notice to Proceed (NTP) document is used to coordinate mandatory pre-construction activities including providing a comprehensive cost estimate on all potential necessary acquisition and damage costs, coordinating with the impacted utility companies to understand their needs, communicating with railroad companies to ensure that VDOT can obtain the proper right of entry agreements, ensuring that any special circumstance parcels within the project scope are handled in accordance with state or federal law, if VDOT and a landowner are unable to agree then managing eminent domain proceedings and final reimbursement and validation of any relocation expenses, managing any parcel remnant or whole parcel that was not utilized during construction, handling all lease agreements and payments as well as any state or utility conveyance of property, mitigating and gravesite or cemetery relocations, and all processing FOIA requests related to the above activities. The RUMS application will be replaced because it is 15 years old, and the system is reliant on antiquated services, tools, and code.

Project Scope:

This project will replace the outdated Right of Way and Utilities division system (RUMS) by adopting improved processes, efficiency tools, and workflow in a retail software product for overall business efficiency improvement. This new solution will enhance the data collection of right of way and utility processes used in metrics and other areas of pre-construction. The project will involve implementing a SaaS cloud product with application support.

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Project Formal Title: SOR System Replacement
Agency: Department of State Police (VSP)
Secretariat: Public Safety & Homeland Security
Investment Status: Project Initiation Approval

Project Description:

The current vendor provided Sex Offender Registry core system needs to be upgraded or replaced as it is based on older technology (Oracle Forms and Reports) and does not meet all user requirements. Making changes due to legislation or enhancing the current application is not feasible due to the outdated technology and the eventual loss of vendor support due to its age.

Project Scope:

Replacement of the legacy SOR system by a Supplier who must have experience in implementing sex offender registration systems for at least 1 existing state agency client that registers sex offenders and must have experience providing the service/ solution for a 1 year minimum. The Vendor must provide a minimum of one (1) state agency reference to this effect. This project includes the RFP process to identify the chosen vendor solution, data conversion from the legacy solution to the new supplier solution, legal compliance with Code of Virginia requirements for sex offender registration, and maintaining existing interfaces to state and federal agencies and VSP systems.

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Project Formal Title: STARS Infrastructure and Subscriber Upgrade
Agency: Department of State Police (VSP)
Secretariat: Public and Homeland Security
Investment Status: Project Initiation Approval

Project Description:

The Statewide Agencies Radio System (STARS) provides a public safety grade radio and data network for 22 authorized agencies. The STARS Subscriber and Infrastructure Upgrade will be implemented in two phases. Phase 1 will address the infrastructure upgrade and Phase 2, the subscriber equipment upgrade. Phase 1 will upgrade the microwave radio network, a new MPLS network for STARS, use of Time Division Multiple Access (TDMA) technology, and the Radio Authentication feature. Phase 2: Subscriber Upgrade will update Needs Assessments for all agencies, and update Subscriber equipment.

Project Scope:

The STARS Infrastructure and Subscriber Upgrade will be implemented in two phases and will take 4 years to complete. Phase 1 will address the network infrastructure and Phase 2 the subscriber equipment for STARS. The network infrastructure upgrades will include the following:

- Microwave Radio Transport Links – migrate from circuit-switched transport to packet-switched Ethernet transport from the land mobile radio RF sites to the Zone Master sites (97 transmitter sites; 132 links, consisting of 264 radios)
- T-1 to Ethernet Conversion, adding Multiprotocol Label Switching (MPLS) – site router replacement at 97 transmitter sites and others
- Time Division Multiple Access (TDMA) (Project 25 Phase 2) - approximately doubles the use of each radio channel employed as compared to the current Frequency Division Multiple Access (FDMA) technology and is a key factor to better supporting current users, facilitating the additional users, and improved busy-hour performance
- Authentication - a necessary security feature that minimizes the access of unauthorized radios that have been lost, stolen, or cloned Replace the subscriber equipment for the 22 STARS authorized agencies including mobiles, portables (hand-held), digital vehicular repeaters (DVRs), control stations (mobiles located on a desk), and consolettes (rack mounted mobile radios).

The subscriber equipment upgrade will take approximately 3 years to complete and includes the following:

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- ~6,000 vehicles with a mobile radio installed will need to be upgraded. ~3,300 of those vehicles have a full Digital Vehicular Repeater System (DVRS) in them (mobile radio, portable radio, digital vehicular repeater, portable charger). Vehicle installations will be performed regionally by the equipment manufacturer and will take 3-4 hours to complete per vehicle. VSP Technicians will perform a quality assurance check after the install is complete. This will be managed by the Logistics Manager contractor.
- ~556 control stations in offices
- ~178 consolettes in dispatch centers
- Over the Air Programming (OTAP) – allows changing the programming in radios using a wireless approach. OTAP facilitates updating a high volume of radios in field within a minimum amount of time. For many types of upgrades, scheduling and touching radios located in over 42,775 square miles will no longer be necessary.
- WiFi Programming – allows changing the personality of a radio without physically connecting to it

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Project Formal Title: Subsidy Attendance Application - Project
Agency: Department of Education (VDOT)
Secretariat: Education
Investment Status: Investment Business Case Approval

Project Description:

The DOE will need to build and deploy an application in our Salesforce environment which will allow for providers of early childhood education services who partake in the subsidy program to take attendance of those children.

All 2000+ childhood education providers participating in the subsidy program will use this application. It will improve the funding timeliness and accuracy of our subsidy-based funding for early childhood education.

Project Scope:

VDOE is needing, per requirement, to develop an application that will allow for the providers of subsidy-based early childhood education services to take attendance for those children receiving those services for purposes of reporting and funding.

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Project Formal Title: TAX VoIP System Upgrade and Maint Project
Agency: Department of Taxation (TAX)
Secretariat: Finance
Investment Status: Project Initiation Approval

Project Description:

Virginia Tax is requesting approval to procure hardware and support to upgrade VoIP hardware, which will reach end of life in Feb 2024. Additionally, this approval will allow the agency to procure continued vendor maintenance and support for the agency's VoIP system. The VoIP system is Tax's call center solution, including all telephony and related services. The call center utilizes the Cisco VoIP phone system Cisco Unified Call Center eXpress (UCCX) and Verint, to provide Workforce Management, Quality Monitoring, and instant reporting using UCCX's Cisco Unified Information Center (CUIC) reporting on a Cisco UCS blade system.

Project Scope:

Virginia Tax will be replacing It's VoIP infrastructure (HW/SW) before the announced End of Support/End of Life with the latest supported models to ensure continued security compliance (sec 501 and pub 1075) and availability of Tax's VoIP System used by Virginia Tax Call center. The current EOL date is Feb 2024.

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Project Formal Title: Teacher Licensure Project - Thentia
Agency: Department of Education (VDOT)
Secretariat: Education
Investment Status: Project Initiation Approval

Project Description:

School teachers in Virginia are licensed by the Commonwealth of Virginia to teach in schools and currently the process to get that licensure (in various forms) is outdated, complicated, non-digital, and confusing. We hope to streamline this process to make the lives of teachers and administrators easier.

The Department of Education will procure a new SaaS solution to provide a hosted-product and services associated to the development and deployment of a Teacher Licensure product.

Project Scope:

While System Automation has provided a number of upgrades to the system over the years, there are numerous confines that do not allow for efficiency and innovation. Some of the biggest challenges are enumerated below:

School divisions cannot log into the online portal on behalf of an individual to submit documents.
In Virginia, if a school division employs an individual, the school division assists with the licensure process. Specifically, the school division is responsible for assigning teachers to courses for which the teacher is endorsed, and therefore must indicate to VDOE what endorsement a teacher should have based on their qualifications and their assignment. School division licensure/human resources offices submit application packets and licensure requests directly to the VDOE on behalf of an employed individual. The MLO online portal only allows an individual to manage their own license and we have to develop an outside system for collecting the information and documentation from divisions.

The Office of Licensure and School Leadership currently prints all communication to applicants, license holders, and school divisions if employed, including evaluations and copies of licenses. While the new online portal allows license holders to view their license electronically and print their own copy, there is not a "dashboard" where a specialist can send an email within the system to ask for additional information and the license holder to respond. Emails and responses would have to be outside the MLO system and would then create the need for these communications to be added to the system for historical perspective. In addition, there is not a way within the MLO system to maintain a communication log for staff to note when someone calls in. A full contact

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management system housed inside the licensing system would be more efficient. In addition, the current MLO system does not support our need to integrate bigger projects like managing professional development and renewal activities, managing the Advisory Board for Teacher Education and Licensure (ABTEL), or effectively managing investigations and the process of adverse actions on licenses.

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Project Formal Title: Tool Management PM Project
Agency: Department of Corrections (DOC)
Secretariat: Public Safety & Homeland Security
Investment Status: Investment Business Case Approval

Project Description:

This project will procure an automated, enterprise asset management solution to improve the efficiency and the effectiveness of asset management responsibilities throughout the VADOC. A technology solution offers VADOC significant gains in efficiency (time and cost savings) and effectiveness (real-time data) to enhance accountability for tools. Further, a systems perspective offers future benefits in extending technology to control and inventory weapons, security equipment, supplies and consumables with the same efficiency and effectives outcomes.

Project Scope:

The Virginia Department of Corrections (VADOC) is a large state government agency. There are 43 prison facilities, 60 community correctional offices/facilities and 3 regional administrative offices. The VADOC employs around 13K staff and is responsible for the care and custody of 90K offenders. The annual operating budget in excess of 1 Billion dollar. The VADOC facilities utilize thousands of tools daily. The facilities are required to maintain tool rooms and designate, generally a Tool Control Officer, with the primary responsibility for tool management and accountability at the facility. This is done by using a shadow board and the chit system. This is a manual process, which relies mostly on visual verification, limiting real time reporting and auditing of the tool inventory. This process is also utilized for the armory and medical services unit.

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Project Formal Title: Traffic Monitoring System Replacement Project
Agency: Department of Transportation (VDOT)
Secretariat: Transportation
Investment Status: Investment Business Case Approval

Project Description:

This project will ensure all traffic count users have reliable access to both raw and summary traffic data.

1. Update technology to ensure sustainability of system
2. Update business user interface to allow more intuitive data query
3. Update end user interface(s) to allow more user 'self-service'
4. Provide download site that allows more powerful query capabilities (Inside and Outside VDOT)
5. Update data input interface to reduce time managing data input while maintaining data quality
6. Ensure all reporting (inside and outside VDOT) is using SSR (master) data

Project Scope:

This request will ensure all traffic count users have reliable access to both raw and summary traffic data. Technology impacts include the following:

- District Staff (traffic engineers): traffic engineering studies
- District and Central Office TMPD: traffic planning and forecasting
- Traffic Operations: Congestion studies, Map21 requirements
- District and Central Office: paving operations
- Highway Safety Improvement Program (HSIP)
- Statewide Planning System (SPS)
- VDOT Dashboard (fatalities and congestion)
- VDOT SmartScale
- VDOT Integrator
- Roadway Network System (RNS)
- Pavement Management System (PMS)
- Pavement Material Scheduling System (PMSS)
- Highway Performance Monitoring System (HPMS)
- Bridge Management System (BMS)

- Railroad Crossings (RRX)

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- iPeMS
- Tableau
- Power BI
- SQL Developer
- SQL+
- MSExcel
- MSAccess

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Project Formal Title: Traffic, Traveler and Road Information (TTRIP)
Agency: Department of Transportation (VDOT)
Secretariat: Transportation
Investment Status: Project Initiation Approval

Project Description:

VDOT desires a comprehensive, cost-effective or cost-neutral solution for sharing video and data that can adapt to rapidly changing technologies and evolving methods of information dissemination. In addition, VDOT desires innovative methods of archiving data, evaluating data quality in real-time and providing system/roadway network performance metrics based upon existing data feeds. Finally, VDOT desires an innovative partner that will promote safety, mobility and economic growth within the Commonwealth of Virginia by providing actionable information to the traveling public.

Project Scope:

VDOT will identify, select and engage a Supplier to provide and manage a cloud-based suite of traffic, travel and road information services and specialized tools through a single platform to serve a variety of stakeholders including: Internal VDOT operations centers, VDOT operators, VDOT executives, Public safety partners, Media members, Travelers, and the Connected and automated vehicle (CAV) community. The Supplier will provide distribution services for designated VDOT operations-related transportation video and data generated in transportation operations and traffic engineering functions across VDOT. Distribution methods may include: Websites, Mobile applications (iPhone and Android), Digital voice assistant, and Automated data services or application program interfaces (APIs) of various file types.

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Project Formal Title: Unemployment Insurance Modernization
Agency: Virginia Employment Commission (VEC)
Secretariat: Labor
Investment Status: Project Initiation Approval

Project Description:

The modernization of the Unemployment Insurance System is a major initiative for the VEC in the Agency Strategic Plan. This client/server system will replace the VEC's decades-old IBM-mainframe Benefits, Tax, and Wage systems. Agency stakeholders for this IT Investment include the VEC Commissioner, VEC Assistant Commissioner for Field Operations, the VEC Chief of Benefits, the VEC Chief of TAX, the VEC Director of the Customer Contact Center, the VEC IT Director, and the IT Project Manager. These stakeholders will have direct leadership and governance responsibilities for the Investment. Customer stakeholders include employers of the Commonwealth as well as individual citizens who require support from the Unemployment Insurance program. Input from these stakeholders was analyzed and documented through research performed by Peer Insight and will be further monitored through the use of surveys.

Project Scope:

This project will modernize the computer hardware and software as well as business workflows and some business processes that the VEC uses to administer the Unemployment Insurance Benefits, Tax, and Wage systems for the Commonwealth of VA. Modernization includes moving these systems to client/server/web technologies which use relational data stores.
The VEC will partner with a software development vendor. This vendor, under guidance of the Agency Sponsor and Project Manager, will work with agency business and IT staff to design, develop, test, and deploy a modernized automated UI system.

The vendor will be contractually obligated for delivering the system as well as training business staff in using the system and IT staff in supporting the system. Staff resources from the business and IT teams will be allocated to the project to fully participate in project activities.
The first Iteration of the project, will involve the Application and Technical Design for Imaging and Workflow, which will bring to bear hardware and software to be used as the foundation for the remainder of the project.

The second Iteration of the project will deliver an Unemployment Insurance Tax application. The third Iteration will deliver an Unemployment Insurance Benefits and Appeals application.

Throughout the Iterations, the vendor will customize the system design to conform to

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the requirements of Virginia's UI law and VEC agency practices. The vendor will use prototypes and walk-throughs with business and IT staff to identify and document system requirements. The vendor partner will be responsible for developing/coding the new system while engaging VEC business staff in building test cases and actual testing activities. IT staff will be focused on learning the new technologies that make up the system and participating in knowledge transfer. Business staff will be extensively engaged in training for the new system.

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Project Formal Title: VDEM - EOC AV upgrade Project
Agency: Department of Emergency Management (VDEM)
Secretariat: Public Safety & Homeland Security
Investment Status: Project Initiation Approval

Project Description:

VDEM requires an upgrade to the audio visual system at the Virginia Emergency Operations Center and at the Governor's Situation Room to ensure better communications during emergency activations. This upgrade will include requirements for connectivity outside of the two locations to support a large number of participants for conference calls.

Project Scope:

The scope of this project is to replace out-dated audio-visual equipment at the Virginia Emergency Operations Center (VEOC) and the Governor's Situation Room. The current equipment is at end-of-life and is failing with difficulties in finding replacement parts.

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Project Formal Title: VDOT Smart Portal 2024 Project
Agency: Department of Transportation (VDOT)
Secretariat: Transportation
Investment Status: Project Initiation Approval

Project Description:

This procurement is one of a series of bi-annual procurements made to enhance the Virginia SMART (System for the Management and Allocation of Resources for Transportation) Portal system, a tool that was created to support a legislatively mandated project prioritization process. SMART Portal first went into service in 2015. The SMART portal supports multiple types of eligible entities providing transportation services in requesting funding from sources managed by the Commonwealth Transportation Board (CTB). Enhancements to the system will allow applications to be submitted for multiple prioritizations-based grant programs to include SMART SCALE, State of Good Repair (SGR), Transportation Alternatives (TA), Revenue Sharing (RS), Virginia Highway Safety Improvement Program (VHSIP), High Priority Projects and District Grant funding programs. These programs are overseen and coordinated amongst multiple VDOT divisions, DRPT, OIPI, and the Commonwealth Transportation Board (CTB).

Project Scope:

This procurement is one of a series of bi-annual procurements made to enhance the Virginia SMART (System for the Management and Allocation of Resources for Transportation) Portal system, a tool that was created to support a legislatively mandated project prioritization process. SMART Portal first went into service in 2015. The SMART portal supports multiple types of eligible entities providing transportation services in requesting funding from sources managed by the Commonwealth Transportation Board (CTB). Enhancements to the system will allow applications to be submitted for multiple prioritizations-based grant programs to include SMART SCALE, State of Good Repair (SGR), Transportation Alternatives (TA), Revenue Sharing (RS), Virginia Highway Safety Improvement Program (VHSIP), High Priority Projects and District Grant funding programs. These programs are overseen and coordinated amongst multiple VDOT divisions, DRPT, OIPI, and the Commonwealth Transportation Board (CTB).

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Project Formal Title: VEC VITA-Transformation
Agency: Virginia Employment Commission (VEC)
Secretariat: Labor
Investment Status: Investment Business Case Approval

Project Description:

Finalize and complete the VITA-Transformation efforts for the agency.

Project Scope:

The following aspects of VEC's environment currently non-standard will be fully transitioned to the COV domain:

- Directory services: VEC continues to have its own Active Directory domain, rather than using the standard domain. VEC's domain is managed by VITA suppliers, but VEC's users log in to the separate VEC domain, and end user computing devices are located in the VEC domain. Configurations have been set up to enable interaction between the VEC domain and the standard domain, and a project is underway to have VITA suppliers take over active control of the VEC domain.
- End user computing: VEC obtains laptops, desktops, and tablets from VITA's contracts, using software images provided by VITA suppliers. At present, those devices are located in the VEC domain.
- Server/storage: VEC has some development (non-production) systems in Amazon Web Services. This is through a VITA-managed subscription or contract, but it is not the standard, fully-managed cloud services. VITA and VEC are working with the infrastructure suppliers on a project to test cloud services available through a standard cloud subscription and plan for migration to the future state.
- Security: VEC's security environment is minimally transformed – there is endpoint protection deployed on workstations, but servers are not fully covered, and network monitoring is not fully in place currently. As a result, the standard level of response to security incidents is not possible. VITA will continue to work with VEC to address these gaps and achieve the standard baseline for security visibility and capabilities.

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Project Formal Title: VeraSmart Project
Agency: Virginia IT Agency (VITA)
Secretariat: Administration
Investment Status: Project Initiation Approval

Project Description:

NextGen TEMS implementation of new Calero.Com application to replace existing TEBS TelMaster for expense management, invoice processing, inventory and re-billing processes as well as expenses. This includes outsourcing certain managed services such as ordering, invoice loading, reconciliation, Agency re-billing and dispute management. There will be a revised Contract with Calero for the implementation of Calero.Com and associated managed services and a SOW with KPMG for implementation support services and acting as a strategic advisor for a successful TEM solution.

Project Scope:

NextGen TEMS implementation of new Calero.Com application to replace existing TEBS TelMaster and it will also include the below managed services:

1. Ordering
2. Expense management,
3. Dashboarding and reporting
4. Reconciliation
5. Inventory
6. Re-billing
7. Agency re-billing, and
8. Dispute management

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Project Formal Title: Veterans Information Management System Project
Agency: Department of Veteran Services (DVS)
Secretariat: Veterans & Defense Affairs
Investment Status: Project Initiation Approval

Project Description:

The scope of this project is to create an application that would allow students, veterans and family members to apply for student benefits. The system would allow internal DVS VMSDEP staff to process the application, confirm eligibility and enrollment, and approve the application. The system will then send the application to the State Council of Higher Education for Virginia (SCHEV) to determine the stipend allotment. The universities will confirm enrollments, determine eligibility and allotted stipend using this application.

The proposed solution will have two external facing websites for benefit applications and universities and two separate internal User interfaces for DVS staff and SCHEV staff. The public facing student portal will allow the applicants to create and submit application, securely exchanges messages, update demographical information and view available funds. The web portal for universities will allow the authorized staff to view eligibility, stipend allotment, confirm and withdraw enrollments. The proposed application will have built in rules to allow VMEDEP staff to determine eligibility, authorize enrollment and SCHEV staff to allocate stipends. The proposed allocation will have ability to capture notes and generate various reports. The application will be integrated with Commonwealth of Virginia Active Directory COV AD account to provide Single Sign on (SSO) for internal users.

Project Scope:

The scope of this project is to create an application that would allow students, veterans and family members to apply for student benefits. The system would allow internal DVS VMSDEP staff to process the application, confirm eligibility and enrollment, and approve the application. The system will then send the application to the State Council of Higher Education for Virginia (SCHEV) to determine the stipend allotment. The universities will confirm enrollments, determine eligibility and allotted stipend using this application.

The proposed solution will have two external facing websites for benefit applications and universities and two separate internal User interfaces for DVS staff and SCHEV staff. The public facing student portal will allow the applicants to create and submit application, securely exchanges messages, update demographical information and view available funds. The web portal for universities will allow the authorized staff to view eligibility, stipend allotment, confirm and withdraw enrollments. The proposed application will have built in rules to allow VMEDEP staff to determine eligibility,

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authorize enrollment and SCHEV staff to allocate stipends. The proposed allocation will have ability to capture notes and generate various reports. The application will be integrated with Commonwealth of Virginia Active Directory COV AD account to provide Single Sign on (SSO) for internal users.

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Project Formal Title: VIIS Software Modernization Project
Agency: Department of Health (VDH)
Secretariat: Health & Human Resources
Investment Status: Investment Business Case Approval

Project Description:

The Virginia Immunization Information System (VIIS) is 15-years old, and requires modernization to better align with CDC 4.1 functional standards, have the ability to be modified to meet future functional and regulatory standards, as well as increase in vaccine data volume. VIIS is a critical public health infrastructure and serves as the backbone for all immunization programs in the Virginia Department of Health's Division of Immunization. The system has been tailored to match the needs of the agency, serving Virginia residents and meeting federal, state & legislative regulations. The overall goals are to align with CDC 4.1 functional standards, increase system capabilities, and ensure VIIS can support quick turnarounds during an outbreak.

Project Scope:

1. The VIIS Scope fully encompasses the components of the 4.1 IIS Functional Standards identified in Attachment B CDC 4.1 Functional Standards document. The functional standards are also located on the CDC website indicated here: https://www.cdc.gov/vaccines/programs/iis/functional-standards/func-stds-v4-1.html.
2. Implementation and Configuration of an already developed IIS Tool.
3. Reporting including ad hoc and standard reporting.
4. Custom development as needed per the Requirements Traceability Matrix (RTM)
5. Secure method of extracting large volumes of data for VDH Data Warehouse loading.
6. Interfacing into and out of VDH and federal systems including but not limited to WebVISION, VASE+, Vital Records, and VTrckS.
7. HL7 Data Exchange using but not limited to the Virginia Health Information Exchange, Federal IZ Gateway and VDH Rhapsody.
8. Proven project management and system development methodologies that shall satisfy the scope of work.
9. Adherence to VITA Requirements. https://www.vita.virginia.gov/it-governance/itrm-policies-standards/.

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Project Formal Title: Virginian Identity Project
Agency: Virginia IT Agency (VITA)
Secretariat: Administration
Investment Status: Investment Business Case Approval

Project Description:

At the request of the Secretary of Administration VITA is tasked with developing and rolling out to state agencies the Virginian single sign on and identity management capabilities. This will allow Virginia citizens to access state websites and applications using single sign on and NIST level 1 identity management. VITA will then develop an RFP for identity proofing tools.

This solution will be provided for all Executive Branch agencies as core included IT service. The solution will also be offered to other government entities at to be determined rate. Additionally, VITA will create/update around identity management and proofing.

VITA has just completed a 6 month project that developed 3 proofS of concepts (POC's) around website citizen single sign on, level 1 (IAL2) identity management capabilities, a citizen portal, and explored enhanced identity management (IM) capabilities. This POC project involved 4 technology providers, architectural design documentation, technical design documentation, and 2 working systems by Okta and Azure B2c (Micro Soft). Tyler Technologies and AISN provided configuration support, technical design capabilities, and documentation.

The benefits of this project are:

- one Virginian identity (single sign-on) for all Executive Branch services
- enhanced security through a single secure solution
- cost savings by implementing a single solution instead of every agency implementing their own
- standardization among state agencies around identity management

Project Scope:

Provides Virginia citizens single sign on and identity management capabilities to state agency on-line applications and websites. This will allow Virginia citizens to access state websites and applications using single sign on based on level 1 identity assurance (IAL1). The underlying core technology of the solution will be the Okta Customer Identification and Access Management (CIAM) offering.

This new solution will provide multiple and improved layers of security/identification and provide a single login for all COV Citizens.   The identity provider service will be able

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to provide authentication assurance per level 1 (AAL1). AAL1 refers to authentication where the end user provides credentials they know such as a login ID and password.

Scope includes setting up a program office responsible for working with COV agencies to collect details on their applications in order to develop a rollout plan and document business processes that will enable the agencies to implement this service. The program office team will also be tasked with collecting requirements for the IAL2 service, developing a request for procurement (RFP) document, and support VITA with steps involved with the RFP release, review of responses, and assisting in the awarding of the contract. VITA technical resources will work with the agencies to integrate their applications and/or websites with the identity provider solution. Once a rollout plan is developed, the user adoption model will need to be updated. Based on the user adoption model, steps will need to plan a future call center services that will be able to take phone calls from Virginians to either resolve their issues with the solution or hand off the end user to the appropriate COV agency support team if appropriate.

A web page associated with virginia.gov will need to be setup to provide information concerning the Virginian Identity program to include links that will enable Virginians to access the identity provider solution and take actions such as creating an account, resetting their password, updating authenticators, and updating profiles. This web page should be able to list COV applications and their links, highlight whether they are integrated with the Virginian Identity benefit, and provide self-help documentation such as user guides and help aids.

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Project Formal Title: VSP Transformation Project
Agency: Virginia IT Agency (VITA)
Secretariat: Administration
Investment Status: Project Initiation Approval

Project Description:

The VSP Transition Project will bring VSP into the standard IT infrastructure support model, which includes everything except the out of scope STARS network

Project Scope:

This project is to transition VSP from the isolated Moorefield domain-provided directory services to the enterprise COV-provided directory services. In doing so, three new virtual servers will be established. Once established, connections between the old and new domains will be created and maintained. After implementing this connection, one-way trust relationships will be developed to allow objects on the old domain to trust the new COV domain. Discovery and testing phases will occur during project and upon completion of testing users will be allowed to utilize the new directory services.

Out-of-scope work includes:

- VSP Vehicle device out of scope
- VSP Application Servers out of scope

The purpose of DMND 1798 / RFS 8014 project is to transition legacy VSP end user services over to the VITA managed end user services at both VSP HQ and field offices. Atos is currently in the process of installing the McAfee Endpoint Policy Orchestrator (ePO) agent on all STARS endpoints. These endpoints will not initially be managed by VITA but will be managed by a CUSTOMER-owned and administrated ePO console. Once the STARS assets have been standardized, CUSTOMER administrators will point the STARS endpoints to the Commonwealth ePO. Non-STARS assets will be managed and administrated by the Commonwealth ePO. This project shall fully support and allow flexibility for VSP to perform all of its mission-critical functions (for example, Virginia Fusion Center, High-Tech Crimes, and Internet Crimes Against Children).

This project is to transition legacy VSP end user services over to the VITA managed end user services. With the completion of planning, ePO standard policies will be developed, customer designated and CSRM approved end user assets will be upgraded to Windows 10, ePO policies will be pushed to the endpoints, and endpoints will be encrypted upon each system checking into the ePO. Upon network connectivity and directory service

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transformation efforts being completed, the customer designated end user assets will be joined to the COV domain.

Role based access to Microsoft System Center Configuration Manager (SCCM) will be provisioned to provide the agency with a method to provide security patches and software deployments / patches to both the STARS and Non-STARS devices. In conjunction with the provisioning of SCCM, training shall be provided to a designated set of VSP employees.

Non-STARS assets will be managed and administrated by the Commonwealth ePO. STARS assets will not, initially, be managed by VITA but will be managed by a CUSTOMER-owned and administrated ePO console. Once the STARS assets have been standardized, CUSTOMER administrators will point the STARS endpoints to the Commonwealth ePO. Upon completion of the project both STARS and Non-STARS assets will be managed and administrated by the Commonwealth ePO.

Discovery and testing phases will occur during project and upon completion of testing users will be allowed to utilize their COV managed end-user assets.

Out of scope:

- All loadset/software package creation will be covered under PRJ0010597.
- Customer application software licenses

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Project Formal Title: VSU - WLAN - WIFI PROJECT
Agency: Virginia State University (VSU)
Secretariat: Education
Investment Status: Project Initiation Approval

Project Description:

The VSU wireless network has been in the process of a run and grow state for approximately ten years and is now transforming to this new exciting technological journey. Wi-Fi 6 is designed to scale with the needs of the University's business and business owners. Wi-Fi 6 will help solve problems in the campus' enterprise today yet enables VSU to prepare for what is to come tomorrow.

Without implementing the necessary changes to the underlying WLAN architecture within the Virginia State University's LAN, WAN, WLAN and Cloud Data Center Server infrastructure the architecture will be unreliable, exposed to security threats, and shall continue to be difficult to manage, operate, maintain, and lack student required capabilities. Network infrastructure security compliance at risk.

Project Scope:

To address many of the identified issues and constraints, a newly re-designed enterprise-wide VSU WLAN Technology Services Leading Edge Infrastructure architecture shall be deployed to provide a reliable, secure, and ultrahigh-speed infrastructure. The following high-level architectural objectives and goals target the fundamental aspects of the VSU WLAN Technology Transformation Leading Edge Infrastructure re-design process, technology choices, and implementation approaches:

- High Reliability
- Secure Wireless, Wired, and Internet Access
- Speed and Performance
- Real-time Monitoring and System Reporting
- Proactive and Preventive Maintenance
- Cost Optimization

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Project Formal Title: Web Content Management DXP Project
Agency: Department of Transportation (VDOT)
Secretariat: Transportation
Investment Status: Project Initiation Approval

Project Description:

VDOT's public facing web properties are not accessible, have language translation barriers, do not promote safe travel across our state, have security vulnerabilities, and have a legacy design and infrastructure. This project will improve the overall user experience on our VDOT web properties for Virginia citizens and will make the maintenance/management of our websites easier for the Communications and ITD teams.

Project Scope:

This request will improve the overall user experience on our VDOT web properties for Virginia citizens and will make the maintenance/management of our websites easier for the Communications and ITD teams.

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Project Formal Title: WIC EBT Project
Agency: Department of Health (VDH)
Secretariat: Health & Human Resources
Investment Status: Investment Business Case Approval

Project Description:

This project will procure a new WIC EBT service contract to provide on-going eWIC processing services for the Virginia WIC Program. A selected WIC EBT vendor will provide WIC EBT payment services to approximately 110,000 WIC participants for the purchase of WIC eligible foods/formula at 850+ authorized WIC retailers in Virginia using electronic benefit transfer cards.

Project Scope:

The scope of the project is to procure a new WIC EBT service contract to provide on-going eWIC processing services for the Virginia WIC Program. A selected WIC EBT vendor will provide WIC EBT payment services to approximately 110,000 WIC participants for the purchase of WIC eligible foods/formula at 850+ authorized WIC retailers in Virginia using electronic benefit transfer cards.