2024 - 2026 IT Strategic Plan

Agency: 601 Department of Health

Date: 12/27/2023

Current IT State

In this section, describe the high-level strategy the agency will use to manage existing operational IT investments over the next year to 5 years. This section should align with identified Business Requirements for Existing Technology (BReTs). At minimum, please address the following questions in your description of your agencys strategy for managing existing operational IT investments:

Are there existing IT investments that will require additional funding over the next year to 5 years, such as license renewals, re-competition of current IT contracts, or system enhancements required by the Agency Strategic Plan?

If there are systems that will no longer support the agencys business needs, either through poor performance or excessive cost, how does IT leadership in the agency plan to address the issues?

If the agency does not have the staff or funding to meet increasing demand for IT services, how will IT leadership fulfill the requests?

The Virginia Department of Health (VDH) mission is to protect the health and promote the well-being of all people in Virginia. VDH's vision is to become the healthiest state in the nation. Eliminate health inequities arising from social, political, economic, and environmental conditions through strategic, nontraditional partnerships. Provide dedicated space, technical assistance, and financial resources to advance community health resources. Through use of technology applications, the agency is able to identify health trends and target specific populations. The Office of Information Management and Health Information Technology is responsible for introducing new technology, management and administration of applications supporting data exchanges, citizen health service, governance, and information security. VDH receives additional funding technology from blended sources consisting of Federal Grants and revenue. VDH has invested in data informatics and centralized data management approach for shared use of like data.

VDH has multiple investments that support on-going business needs, healthcare services, disease prevention and monitoring, and emergency programs. The agency is addressing systems that need significant enhancement and actively reviewing new solutions for advanced health information systems.

For the ITSP period 2024-26, VDH's Project and Portfolio Intelligence Division has established consistent practices for multiple initiatives moving forward on a continuum from the previous ITSP. The Division's practices are consistent with strict adherence to the Commonwealth Project Management Standard related to IT projects and procurements. The risk associated with individual projects are documented, research and mitigated.

Factors Impacting the Current IT

In this section, the agency will describe the changes in their business environment that will require or mandate changes to the agencys current IT investments. These are requirements and mandates from external sources, such as other agencies or business partners, the agencys customer base, product and service providers, or new federal or state legislation or regulations. The agency must identify the business value of the change, any important deadlines that must be met, and the consequences if the deadlines are not met. In your discussion, be sure to note whether the proposed enhancements are funded or not. If the agencys existing current IT investments will not need enhancement due to requirements or mandates from external sources in the foreseeable future, the agency should enter the following text rather than leave the Factors Impacting the Current IT section blank

For each mandated change, summarize your agencys response from your Agency Strategic Plan, and is it the opinion of agency IT leadership that the IT portion of the response is adequately funded?

Do the mandated changes effect IT in other Commonwealth agencies, or in other states? If so, how?

Funding and the availability of resources continue to be a challenge for VDH. Currently the projects mentioned above are adequately funded, however as federal and state mandates come down, obtaining additional funding and qualified resources is an issue and continues to be an issue. VDH does rely heavily on contractors to supplement the existing staffing and resources.

Due to the fact that VDH is heavily grant funded, some IT applications and services are also grant funded. From time to time, the Federal grantor will mandate certain items in the systems or applications utilized by VDH, and we will make those changes accordingly. This is often funded through the appropriate federal grant. **At this time there are no mandated changes impacting other Commonwealth Agencies.**

The availability of qualified resources also continues to be a challenge for VDH. Some of our technologies are fairly specific to a health care environment, therefore the resources may be difficult to find.

Proposed IT Solutions

In this section, describe the high-level strategy the agency will use to initiate new IT investments over the next year to 5 years in support of the agency strategic objectives documented in your Agency Strategic Plan. The agency does not need to consider specific technologies at this time, however, the strategy should identify how the IT implementation will provide business value to the organization. This section should align with identified Business Requirements for New Technology (BRnTs). At minimum, please address the following questions in your description of your agencys strategy for initiating new IT investments:

What are the most important solutions, based on the priority assigned to the requirements by the business sponsors in your agency, and what is the approach to achieving these priority solutions?

If any new IT initiatives will be started in the upcoming budget biennium, is it the opinion of agency IT leadership that it is adequately funded?

Does the agencys current IT staff have the appropriate skill set needed to support future agency technologies? If not, what skill sets need to be acquired?

If the agency will be engaged in multiple new IT initiatives, how will agency IT staff and agency subject matter experts be used across the initiatives?

VDH has begun modernizing the department's Information Technology (IT) Asset Management & IT Service Management systems with a number of major initiatives. These initiatives are grouped below according to funding source.

Federal ARPA Grant Funded

The American Rescue Plan Act (ARPA) SLFRF Recovery Plan - enabled the Virginia Department of Health (VDH) to transform core administrative systems and processes to increase VDH efficiencies, reduce duplication of effort,

streamline business workflows, and increase automation. **

ServiceNow is a platform that allows configurations based on business workflows. VDH will utilize this solution to handle IT service requests, Asset management (Hardware & Software), Operation management and CMDB process. ServiceNow will also provide a single platform to assist in digitizing work, provide AI and predictive analytics, native mobile and conversational interfaces.

Agency Grant Management (MS Dynamics) will 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.

The** **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.

Federal Funded Projects

USDA Food and Nutrition Services

The current **WIC EBT** service contract with Conduit is 12 years old with technology more than 8 years old. The Virginia Department of Health Division of Nutrition's strategy is to conduct and award an RFP is looking to obtain newer technology to stay in alignment with the Commonwealth's technology goals; and to improve work processes in order to better serve the approximately 110,000 participants who are eligible and also to upgrade the WIC retailers.

The **Crossroads** Stand-alone Procurement is to provide software maintenance and enhancement services to the Crossroads Users Group for the Crossroads application software. The current vendor (Gainwell) hosts the application and the data and has been in place since 2013. An RFP was conducted that resulted in a new vendor to maintain the current product and complete minor enhancements.

CDC- IIS Supplemental Funding and Immunizations and Vaccines for Children.

VIIS is a statewide immunization registry that consolidates patient immunization histories. The registry resolves problems of fragmented immunization histories on children in Virginia. Virginia Department of Health requires custom enhancements and maintenance agreements to support and sustain the Virginia Immunization Information System (VIIS).

Virginia Drinking Water State Revolving Loan Fund (DWSRF) program

ODW SRS Modernization 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.

The DWSRF Program has siloed data and technology frameworks, which includes a 14-year-old system combined with manually tracked spreadsheets and other documents. The outdated system does not meet the needs of users and as a result, team members spend countless hours creating custom manual reports that require manual maintenance. As they manage projects, they often must resort to workarounds to find and share information that is necessary for tracking.

Agent Level Projects

• Planview Portfolio
• RotBot RFP Robotic Process Automation
• Printer Refresh
• General Assembly Legislation Tracking
• VDH Invoice Processing System
• SAM-essence
• Provide Enterprise
• Maven Data Migration
• NX400 Server Migration
• DSO
• OHE Scholarship System
• HIE-CRISP Records Management
• GEC reports and transition plan

The volume has heightened the need for a historically larger number of skilled resources in the Project and Portfolio Intelligence Division. The resource need has been addresses by supplemented with qualified contract staff utilizing the Commonwealth's staff augmentation contract. The Division has launched a proof of concept to monitor and report on resource allocation related to the project portfolio using the Planview Portfolio tool.

IT Strategic Plan Budget Tables

Agency:	601 Department of Health
Date:	1/11/2024

Current IT Services

Category	Costs Year 1		Costs Year 2	
	GF	NGF	GF	NGF
Projected Service Fees	$13,830,621.94	$27,228,554.66	$14,245,540.59	$28,045,411.30
VITA Infrastructure Changes				
Estimated VITA Infrastructure	$13,830,621.94	$27,228,554.66	$14,245,540.59	$28,045,411.30
Specialized Infrastructure				
Agency IT Staff	$4,921,338.00	$2,199,416.00	$6,000,000.00	$4,921,338.00
Non-agency IT Staff		$7,000,000.00		
Cloud Computing Service				
Other Application Costs				
Total:	$18,751,959.94	$36,427,970.66	$20,245,540.59	$32,966,749.30

Proposed IT Investments

Category	Costs Year 1		Costs Year 2	
	GF	NGF	GF	NGF
Major IT Projects:		$25,000,000.00		
Non-Major IT Projects:				
Agency-Level IT Projects:				

Major Stand Alone IT Procurements:		$11,193,232.00		
Non-Major Stand Alone IT Procurements:		$84,876.00		
Agency-Level Stand Alone IT Procurements:				
Procurement Adjustment for Staffing:		($7,000,000.00)		
Total:	$0.00	$29,278,108.00	$0.00	$0.00

Projected Total IT Budget				
		Costs Year 1		Costs Year 2	
Category		**GF**	**NGF**	**GF**	**NGF**
Current IT Services		$18,751,959.94	$36,427,970.66	$20,245,540.59	$32,966,749.30
Proposed IT Investments		$0.00	$29,278,108.00	$0.00	$0.00
Total		$18,751,959.94	$65,706,078.66	$20,245,540.59	$32,966,749.30

Business Requirements For Technology

Agency:	601 Department of Health
Date:	12/27/2023

601 VDH BRnT Fingerprint Fieldprint

BRT Type:	Business Requirement for New Technology
Requested Start:	
Mandate:	Yes
Mission Critical:	Yes
Description:	

Fieldprint statewide fingerprinting solution will allow all Emergency Medical Services personnel and candidates to submit fingerprints for mandatory criminal history background check conducted through the Central Criminal Records Exchange and the National Crime Investigation Center via the Virginia State Police in a secure approved environment. Services to be obtained via VITA contract VA-170525-FPIC

Beach Monitoring and Notification

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	

Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost

BReT WebF&A -- Enhancements due to Cardinal

BRT Type:	Business Requirement for Existing Technology
Requested Start:	
Mandate:	
Mission Critical:	
Description:	

These are various enhancements to WebF&A which are due to the Cardinal changes.

BReT Black Box Expansion 2020

BRT Type:	Business Requirement for Existing Technology
Requested Start:	
Mandate:	
Mission Critical:	
Description:	

The Black Box matching algorithm is a unique, HIPAA-compliant process developed by Georgetown University that is able to compile surveillance data submitted from multiple jurisdictions and present potential matches among the datasets, as well as summary reports.

BReT CHAAMPS System Maintenance

BRT Type:	Business Requirement for Existing Technology
Requested Start:	
Mandate:	
Mission Critical:	Yes
Description:	

The Chaamps System is a custom solution that was developed for VDH by Colyar Technology Solutions (CTS). VDH has oversight for the Child and Adult Care Food Program (CACFP). The system maintenance includes:
• Defect corrections
• Software releases for completed Enhancement requests and completed defect fixes
• Phone support for State Agency with CTS as needed (during normal business hours)
• UAT database environment refresh as mutually agreed
• Staff support related to Knowledge Transfer / Non-defect related Assistance (Off-site)
• Software or licensing for software that is specific to the System

BReT FY23 Staff Augmentation Renewal

BRT Type:	Business Requirement for Existing Technology
Requested Start:	7/1/2022
Mandate:	
Mission Critical:	Yes
Description:	

FY23 renewal of VDH IT staff augmentation supporting networks systems, data analytics and management. Renewal of services provides agency wide technology infrastructure continuity for key agency communications, intranet, budget, grants, and payroll applications.

BReT FY24 Staff Augmentation Renewal

BRT Type:	Business Requirement for Existing Technology
Requested Start:	7/1/2023
Mandate:	
Mission Critical:	
Description:	

FY24 renewal of VDH IT staff augmentation supporting networks, systems, data analytics, and management. Renewal of services provides agency wide technology infrastructure continuity for key agency communications, intranet, budget, grants, and payroll applications.

BReT Medical Examiner Network and Storage Upgrades

BRT Type:	Business Requirement for Existing Technology
Requested Start:	
Mandate:	
Mission Critical:	
Description:	

Upgrade the existing network speed, purchase 4 Picture Archiving and Communication Systems (PACS) servers (over the biennium, 2 each year) to store the Computed Tomography (CT), Lodox and conventional x-rays images and to increase storage on the existing photographic image servers.

BReT Safe Drinking Water Information System (SDWIS

BRT Type:	Business Requirement for Existing Technology
Requested Start:	
Mandate:	
Mission Critical:	
Description:	

The Virginia Department of Health (VDH) Office of Drinking Water (ODW) ODW's data system protects the health and well-being of Virginians. ODW must have an adequate data management system to be a trusted source of public health information (VDH Goal #3) and provide services to monitor and report timely, reliable, actionable, sub-county level data on water quality, as required by the U.S. Environmental Protection Agency (EPA). ODW currently uses a federally designed, Oracle-based platform called the Safe Drinking Water Information System (SDWIS) to report federal sampling requirements for public water systems (also known as "waterworks" in Virginia). Because EPA designed SDWIS for all 50 states and territories of the U.S., it does not address state-specific needs and therefore only handles a portion of ODW's program. Hence, ODW designed and developed about 10 interface applications to work with SDWIS over 15 years ago. The original interface applications are Microsoft (MS) Access databases and help over 80 staff complete their work and report results to EPA. The MS Access interface applications need updating to meet state security standards. In February, 2019, the VDH's Office of Information Management (OIM) completed a review of ODW's database and found the following, in part: "ODWs staff are tasked with working on outdated technology systems, and their primary MS Access database system is in desperate need of an infrastructure assessment, including creating viable backup strategies in case of data corruption. After analyzing ODWs technology issues and concerns, this assessment identified legacy software and equipment that is over 20+ years old, and has become obsolete, posing security risks to their data environment. The outdated technology is burdening their staff, slowing work processes and is in need of being replaced. There is a need to implement and adapt to a completely new, state of the art infrastructure to compliment the SDWIS Prime update. This solutionwill have daily and measurable benefits of increased efficiencies, speed and productivity, as well as decreased security risks." ODW is contracting with a private vendor, Global Environmental Consultants, Inc. (GEC), to support ODW with proprietary software and update and change ODW's interface applications. Total costs for the required security update exceed $820,000 initially and will be approximately $250,000.00 per year thereafter; however, ODW can use other federal funds to cover some of the costs. This proposal seeks needed state funding to support the database. Removing the temporary GEC programming support to decommission the MS Access interface applications ($234,968.00), the initial costs for the new database modules is $561,560.00. ODW's program is supported by three funding sources: (1) federal grant monies; (2) general funds; and (3) fees from the regulated community. ODW is requesting $150,000 in funding for the first year to fund the required security update and $250,000.00 in funding for subsequent years for maintenance of the data management system. If ODW does not receive the funding, ODW would not be able to completely decommission the MS Access interface applications or cover ongoing maintenance and support costs for the required database modules. Inadequate database security and/or reporting capability affects ODW's capacity to meet federal reporting requirements under the Safe Drinking Water Act and puts federal funding and primacy at risk.

BReT Software Support Renewal - Oracle Mythics

BRT Type:	Business Requirement for Existing Technology
Requested Start:	5/25/2021
Mandate:	
Mission Critical:	Yes

Description:
This BReT is for the purchase for the yearly Oracle software support renewal.
This support renewal provides technical support and software upgrades for all Oracle products used in development and maintenance of applications used in VDH programs and Health Districts.

BReT VDH Software Support Renewal - Tableau

BRT Type:	Business Requirement for Existing Technology
Requested Start:	4/7/2021
Mandate:	Yes
Mission Critical:	Yes

Description:
Tableau is an existing solution used extensively by our data analysts and our entire data visualization/analysis/BI reporting platforms utilize Tableau.
If we do not renew our Tableau Desktop/Server and Data Management licenses:
1. Our data analysts will have to revert to manual analysis
2. Collaboration efforts for data sources/visualizations will be impacted.
3. Our internal and external data portals will be impacted.
4. Tableau is also key to our data modernization related grants.
5. Key internal (CHS Dashboards, DASH, etc.,) and external (Opioid, COVID-19 etc.,) data dissemination efforts will be impacted.
6. All instances of making near-real time data available will be impacted.
7. Data discover and preparation efforts will revert to a silo approach.

BReT VDH/IVPP Education Video/Blog Landing Page

BRT Type:	Business Requirement for Existing Technology
Requested Start:	
Mandate:	
Mission Critical:	
Description:	

VDH/IVPP is tasked with providing informational/educational programs for providers of healthcare services in the state of Virginia. The Website Group (WSG) is the recipient of a federal grant administered by the Virginia Department of Health (VDH) to support its mission to "promote safe practices and the prevention of injury and violence amongst the commonwealth's residents while providing timely and essential information to healthcare providers."

To fulfil this need, Daly/NCV will produce all required web-based video and blog content deliverables provided by VDH/IVPP to DCI/NCV.

Requirements
1. Designing and programing an effective and responsive professional website to include both video playback and expert blogging functionality.
2. Designing and scripting informative video presentations of up to 5 minute each for each educational presentation requested by VDH/IVPP, featuring a professional voice/on-camera narrator to be used in all informational and educational presentations across the entire project series.
3. Recording high quality instructional presentation portions of the informational/educational videos.
4. Reformatting client provided visual elements of informational/educational presentations and/or articles into standard and consistent display form featuring a common layout and design theme throughout all informational and educational presentations in the entire project series.

BReT WIC EBT

BRT Type:	Business Requirement for Existing Technology
Requested Start:	
Mandate:	Yes
Mission Critical:	Yes

Description:

To acquire the services of a qualified online WIC EBT Service Provider to transfer their WIC EBT system to the Virginia Special Supplemental Nutrition Program for Women, Infants and Children (WIC). Services include the materials, software and hardware needed to support WIC EBT, as described within this RFP. The Commonwealth will be contracting with a single online WIC EBT Service Provider.

BReT_Caller Name Optimization Neustar

BRT Type:	Business Requirement for Existing Technology
Requested Start:	2/1/2021
Mandate:	
Mission Critical:	

Description:
Case Investigators (CIs) and Contact Tracers (CTs) at local health departments call COVID-19 case patients and their identified close contacts on a daily basis to conduct interviews and share education information and instructions to isolate or quarantine. Per anecdotal information from the local health departments and Regional Containment Teams, Caller ID success rates for the CIs and CTs have been low. This results in lower percentages of accepted calls by case-patients and close contacts, decreasing the rate of successful interviews. This increases the chances that case patients and close contacts will not maintain isolation and quarantine, resulting in potential spread of COVID-19. Additionally if case-patients are not interviewed, their close contacts will not be identified, also raising the opportunity for unsuccessful quarantine and increased risk of transmission of COVID-19. It is critical for Caller ID utilized by VDH Containment Team members to function properly to increase the rates of case-patients and close contacts to answer VDH calls. [Emergency Procurement]

BReT_CCAI Services

BRT Type:	Business Requirement for Existing Technology
Requested Start:	4/1/2021
Mandate:	
Mission Critical:	
Description:	

Description:
Contact Center AI (CCAI) services to support the VDH COVID call center. Google is providing the cloud environment and tools to run a Virtual Agent for the VDH COVID call center.

BReT_COVID Communications Support

BRT Type:	Business Requirement for Existing Technology
Requested Start:	6/3/2022
Mandate:	
Mission Critical:	
Description:	

Description:
Public information officers, central office, and Local Health Departments rely on communication hubs to proactively communicate important public health information and swiftly address misinformation about COVID-19.

BReT_Crossroads

BRT Type:	Business Requirement for Existing Technology

Requested Start:	6/1/2019
Mandate:	
Mission Critical:	
Description:	
Crossroads is a robust system that manages all facets of WIC operations, including client services and vendor management. Crossroads uses modern web (HTML/HTTP) technology, standard WIC data elements, and complies with federal policy and regulations.	

BReT_Crossroads Renewal

BRT Type:	Business Requirement for Existing Technology
Requested Start:	3/1/2022
Mandate:	
Mission Critical:	
Description:	
The renewal of the maintenance and enhancement contract which ends on February 28, 2022. The contract for maintenance and enhancements is required to keep the system updated to meet business needs and changes in federal regulations.	

BReT_ESSENCE System - Security Exception

BRT Type:	Business Requirement for Existing Technology
Requested Start:	3/1/2021
Mandate:	
Mission Critical:	Yes
Description:	

The ESSENCE system is a mission critical application for COVID-19 operations and activities. It is used across the Commonwealth (including the 3 non-COV network locations - Fairfax, Loudoun and Arlington). ESSENCE (Electronic Surveillance System for Early Notification of Community-based Epidemics) is an enhanced surveillance tool for early recognition of disease events, including outbreaks and potential bioterrorism events. It provides graphic and tabular displays of large datasets and relies on high performance servers to handle complex algorithms; data is processed near real-time (workload is expected to increase). In the midst of a pandemic, we must maintain continuity of operations without system downtime or interruptions.

VDH is requesting the current ESSENCE servers remain physical servers; approve an exception to transition to 6 new physical servers. To meet the evolving business needs, ESSENCE would require at least 6 virtual machine (VM) servers by the Partnership; the environment will include the most current and supported versions of the Operating System (Windows), and SQL Server Database.

VDH is requesting a security exception for ESSENCE until 3/31/2022.

BReT_LHD A/V Upgrades

BRT Type:	Business Requirement for Existing Technology
Requested Start:	3/16/2022
Mandate:	
Mission Critical:	
Description:	

A/V and conference room camera upgrades agency wide, statewide. During the pandemic the use of web conferencing applications expanded and we found that all VDH conference room A/V was not up to the task upon return to work. This request is to upgrade all conference room A/V and cameras to work with hybrid meetings.

BReT_Unite Us Renewal

BRT Type:	Business Requirement for Existing Technology
Requested Start:	8/9/2022
Mandate:	
Mission Critical:	
Description:	

VDH seeks to renew the contract for Unite Us, a shared technology platform that allows network partners to make and send electronic referrals, securely share client information, and track referral outcomes. Unite Us will provide network access, training and support to VDH, including local health districts, and its partners; Unite Us will provide unlimited web-based licenses to the Unite Us platform for use by the department and licensed entities within the territory during the renewal term. Unite Us will continue reporting on each community based organization and VDH referral interaction in the network.

BReT_VDH MS Dynamics

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2021
Mandate:	
Mission Critical:	Yes
Description:	

VDH currently uses Microsoft Dynamics for VDH Containment, Informatics, and Technical Teams to coordinate and manage complex data processes and facilitate the accessibility and availability of comprehensive public health data. The business need is for additional licensing for end user customers and case management staff.

BReT_VEDSS System - Security Exception

BRT Type:	Business Requirement for Existing Technology
Requested Start:	3/1/2021
Mandate:	
Mission Critical:	Yes
Description:	

VEDSS (Virginia Electronic Disease Surveillance System) is a mission critical system for the COVID-19 operations and activities. In the midst of a pandemic, we must maintain continuity of operations without system downtime or interruptions.
VEDSS is used for monitoring, investigation and reporting of COVID-19 activities (and 150+ other disease conditions). This system is critical to our COVID-19 response; this was system designed, developed and provided by CDC and has been in use since 2005.

VDH is requesting the current VEDSS servers remain physical servers; approve an exception to transition to 5 new physical servers. To meet the evolving business needs, VEDSS would require at least 5 physical servers (+ 2 VMs as recommended by the Partnership); the environment will include the most current and supported versions of the Operating System (Windows), SQL Server Database and SAS software. There is an urgency to this need, at this moment there is a single database server and a single application/processing server handling the COV's response to COVID-19; we must procure, implement, configure and transition VEDSS to a new server environment as soon as possible to support VDH in its effort to address the ongoing pandemic.

VDH is requesting a security exception for VEDSS until 3/31/2022.

BReT_VIIS (IIS) Software Modernization Initiative

BRT Type:	Business Requirement for Existing Technology
Requested Start:	2/1/2023
Mandate:	
Mission Critical:	
Description:	

Modernization of VDH's existing Immunization Information System (IIS) in order to better align with CDC 4.1 functional standards and have the progressive ability to be swiftly modified to meet future functional and regulatory standards as well as increase in vaccine data volume. The IIS modernization will provide a technology solution to meet these requirements and include the migration of the current VIIS data.

BRnT - ODW GEC Project

BRT Type:	Business Requirement for New Technology
Requested Start:	
Mandate:	
Mission Critical:	Yes
Description:	

Global Environment Consulting (GEC) will provide Virginia Department of Health (VDH) Office of Drinking Water (ODW) a combination of software solutions (GECSWS), data migration from existing legacy systems, and custom software development. This project will include a full System and Secure Development Lifecycle.

The following systems are included in GECSWS:
Safe Water Information Field Tool (SWIFT Surveys)
Safe Water Information Management and Reporting (SWIMR-Web, including SWIMR Buddy)
Safe Water Engineering Project Tracking (SWEPT) (including legacy data migration)

The following data migration and customization tasks:
Legacy data migration and customized user interface
Reports customization for SWIMR system

BRnT Integrated HIV Care and Prevention Data Syste

BRT Type:	Business Requirement for New Technology
Requested Start:	
Mandate:	
Mission Critical:	Yes
Description:	

An automated system for the Virginia AIDS Drug Assistance Program (ADAP) that will manage all client-level data related to program applications, eligibility, recertification, medication utilization and insurance coverage for approximately 7000 clients. The system will interface with the state's Pharmacy Benefits Manager and Third Party Payer for payments of insurance premiums and co-payments for insured clients. The system will interface with COV Central Pharmacy Data system (QS1), 2 health department pharmacies, Medical College of Virginia, and all other health departments / medication pick-up sites for clients through direct medication purchase.

BRnT Tableau Broadcast

BRT Type:	Business Requirement for New Technology
Requested Start:	9/15/2021
Mandate:	
Mission Critical:	Yes
Description:	

Cloud-based environment used to host Tableau content. This environment is distinct from the Tableau Public environment and includes greater security, monitoring, and controls.

BRnT VDH Health Network Platform

BRT Type:	Business Requirement for New Technology
Requested Start:	
Mandate:	
Mission Critical:	Yes
Description:	

VDH is looking for a flexible and scalable network that provides both citizen access to the services they need and a platform for all network partners to track each individual's health journey, sharing critical information to enable a more comprehensive approach. This IT platform is designed to link vulnerable members of society to needed social services to aid the Commonwealth in its response to and recovery from the COVID 19 pandemic. This network can be integrated with health system electronic medical records, allowing clinical care providers to directly refer patients to social services organizations to meet their needs and improve overall health outcomes.

BRnT_Agency Grant Management System

BRT Type:	Business Requirement for New Technology
Requested Start:	2/27/2023
Mandate:	
Mission Critical:	
Description:	

It is imperative that the agency has the right application to manage grant activities to support accurate analysis, timely reporting and decision making. Agency teams have established processes and tools; however, after a current state assessment, many opportunities to improve operational efficiency were identified. As a result of these efforts, the program is looking to modernize and implement an application that allows standardization across the various groups, supports required integrations to financial systems and provides a central data repository that allows for integrated document management for 30 plus users (this may increase) with the following roles: Grant Administrators, Accountants, Procurement/General Services Specialists, and Agency Grant Specialists.

BRnT_Case Management

BRT Type:	Business Requirement for New Technology
Requested Start:	4/19/2021
Mandate:	
Mission Critical:	
Description:	

The Virginia Department of Health (VDH) Epidemiology Disease Surveillance Solution (VEDSS) does not have case management capabilities desired for COVID contact tracing. VDH would like to start with COVID contact tracing case management as a foundational case management workload, and then expand this functionality to other disease case management needs. After reviewing the Arlington County solution (ACCTS), VDH would like to use that solution as a baseline starting point. This solution would complete project end-to-end scope through post-implementation support.

BRnT_DevSecOps Staff Augmentation

BRT Type:	Business Requirement for New Technology
Requested Start:	9/19/2022
Mandate:	
Mission Critical:	

Description:

These positions will support VDH's key Strategic goals around adopting DevSecOps practices to modernize software development and IT operations. They will be responsible with assisting VDH in implementing a DevSecOps operating model. They will also support the development of VDH cross-functional product teams in providing on-the-job training and mentoring in support of technical work and SCRUM/Agile coaching and support.

BRnT_Electronic Health Record

BRT Type:	Business Requirement for New Technology
Requested Start:	6/9/2022
Mandate:	
Mission Critical:	

Description:

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.

BRnT_Health Data Analytics Portal

BRT Type:	Business Requirement for New Technology
Requested Start:	11/15/2021
Mandate:	
Mission Critical:	

Description:
An enterprise data portal that can house, manage, and enable enterprise data sharing. The main use of the envisioned data platform is to serve as an agnostic data management and data sharing environment that can be instantiated, at will, to solve various data sharing needs within the enterprise. To demonstrate the ability to access data from other departments via this enterprise data portal, an application will be built for which the users will be able to dynamically upload a schema, ingest data files, and get retrieval tokens from the solution.

BRnT_Human Resource Information System (HRIS)

BRT Type:	Business Requirement for New Technology
Requested Start:	5/1/2023
Mandate:	
Mission Critical:	

Description:
Implementation of a solution to improve the Human Resource processes and technologies for administering the VDH workforce. This solution will provide the following functional capabilities focusing on core HR abilities including benefits, payroll, compensation, workforce management, performance management, training, and hiring.

BRnT_IT Regional Support Staff Augmentation

BRT Type:	Business Requirement for New Technology
Requested Start:	8/26/2022
Mandate:	
Mission Critical:	

Description:
The positions that are being requested will report to the IT Division Operations Officer and will be embedded within the Office of Information Management's IT Infrastructure and Services Support Team to receive the knowledge and support of the existing staff to properly engage and address IT related matters in a compliant and consistent way that is measured and reviewed for accuracy, timeliness, and compliance with applicable VITA and internal VDH standards of operations. Although the positions will be managed from the central office, their focus will be solely set upon serving the Health Districts through providing IT support and consultation, managing requests for infrastructure upgrades, relaying vital information regarding IT activities and policies, creating educational materials, assisting in the management of inventory, troubleshooting and reporting IT issues, navigating IT systems/applications, ensuring that onsite support requests are fulfilled, and will provide a central voice for the Health Districts to the OIM to address, request, and facilitate the procurement and implementation of IT services and offerings.

BRnT_Microsoft Messaging Support

BRT Type:	Business Requirement for New Technology
Requested Start:	1/2/2023
Mandate:	
Mission Critical:	
Description:	

Microsoft Platform support services from McChrystal Group to assist VDH with our Post-Migration support (after the MS Messaging Migration run by VITA moving us from the Google Platform to the MS Platform).

BRnT_ODW Database Replacement and Modernization

BRT Type:	Business Requirement for New Technology
Requested Start:	10/17/2022
Mandate:	Yes
Mission Critical:	
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

BRnT_OHE Workforce Incentive System

BRT Type:	Business Requirement for New Technology
Requested Start:	10/17/2023
Mandate:	
Mission Critical:	
Description:	

The Office of Health and Equity (OHE) requires a solution to support their administration of state, federal, and private funded incentive programs on behalf of VDH. The current system does not satisfy the business needs and users are having to track and complete their current process workflows on spreadsheets.
OHE requires a fully functional Primary Care Workforce Incentive Database and User Portal to deliver on its mission to ensure access to care particularly in underserved
areas of Virginia.

BRnT_Records Management

BRT Type:	Business Requirement for New Technology
Requested Start:	5/1/2022
Mandate:	
Mission Critical:	
Description:	

To convert VDH from a paper-centric records management process to a digitized and automated format that, when fully implemented, will make information and records across all offices more accessible.

BRnT_Robotic Process Automation

BRT Type:	Business Requirement for New Technology
Requested Start:	
Mandate:	
Mission Critical:	
Description:	

VDH requires a tool to eliminate the COVID-19 test results processing backlog and address the agency's other priorities and pressing needs.

BRnT_ServiceNow

BRT Type:	Business Requirement for New Technology
Requested Start:	2/1/2022
Mandate:	
Mission Critical:	
Description:	

VDH is looking for a solution to handle IT service requests, Asset management (Hardware & Software), Operation management and CMDB process. ServiceNow provides a single platform to assist in digitizing work, provide AI and predictive analytics, native mobile and conversational interfaces, and a set of low code/no code developmental tools to build own apps.

BRnT_Spend Smart

BRT Type:	Business Requirement for New Technology
Requested Start:	5/1/2023
Mandate:	
Mission Critical:	
Description:	

The Office of Information Management (OIM) within Virginia Department of Health (VDH) receives a regular bill from Virginia Information Technology Agency (VITA) for technology services and assets, and subsequently charges each Office and District within VDH for their "portion" of the VITA bill. The existing Excel spreadsheet that OIM uses to allocate portions of the VITA bill to Offices and Districts needs to be replaced with a tool (using Power Platform) to provide better visibility to the recipient and needs a Supplier with expertise in the Power Platform who can build the budget tools and provide documentation about their governance.

BRnT_Transactional Messaging Services

BRT Type:	Business Requirement for New Technology
Requested Start:	3/17/2021
Mandate:	
Mission Critical:	Yes
Description:	

GRANICUS WILL PROVIDE NEW SET OF APIS FOR VARIOUS APPLICATIONS TO DIRECTLY SEND EMAILS FROM THE APPLICATIONS, INCLUDING COVID VACCINE PREREGISTRATION, APPOINTMENT SCHEDULING, DUPLICATE EMAIL DISTRIBUTION AND VARIOUS OTHER AREAS WITHOUT USING COV SMTP INFRASTRUCTURE. WHEN WE SHIFT TO THIS API APPROACH IT DOES 2 THINGS: THIS LICENSE ALLOWS US TO TRANSITION OUT OF VITA SMTP INFRASTRUCTURE COMPLETELY. WE CURRENTLY SEND 50 TO 100K EMAILS PER DAY ON AN AVERAGE FROM VARIOUS APPS & AS WE ROLLOUT NEW AREAS THIS WILL INCREASE EXPONENTIALLY, SO WE HAVE TO MAKE THIS TRANSITION NOW. THIS WILL IMPROVE OVERALL EFFICIENCY AND PROVIDE MORE FLEXIBLE, SCALABLE AND ADAPTABLE EMAIL INFRASTRUCTURE.

BRnT_VDH Renovation Equipment

BRT Type:	Business Requirement for New Technology
Requested Start:	12/14/2021
Mandate:	
Mission Critical:	
Description:	

Rappahannock EMS (REMS) Council is requesting renovation AV Equipment for education purposes. This request will support the AV needs for the REMS regional office for operations.

BTnT_Google Cloud Platform - VaxMaX

BRT Type:	Business Requirement for New Technology
Requested Start:	2/8/2021
Mandate:	
Mission Critical:	Yes
Description:	

Google Cloud Platform (GCP) is a suite of public cloud computing services offered by Google. The platform includes a range of hosted services for compute, storage and application development that run on Google hardware. This platform will support the VaxMaX system. VaxMaX is a COVID-19 Vaccine Eligibility and Registration application.

Cancer Registry (CRS +)

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	

Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost

Data Warehouse VDH

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	

Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

Electronic Surveillance System for Early Notificat

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

ELR Database

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

File Shares

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

Financial and Administration System (including Web

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019

Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

HIV Counselling, Testing and Referral (HIV-CTR)

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

HP Quality Center

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

Lab Management System

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

LISSDEP

BRT Type:	Business Requirement for Existing Technology

Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

MAVEN

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

Media Alert Generator

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

Newcomer Health Program and Reimbursement Database

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

Office of Emergency Medical Services (OEMS) Portal

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

Production Version Control System	
BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

Radioactive Materials Licensing and Inspection Dat	
BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

State Drinking Water Information System & Drinking	
BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

VDH Intranet

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	

Description:

Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost

VDH SD-WAN Upgrade

BRT Type:	Business Requirement for Existing Technology
Requested Start:	3/1/2023
Mandate:	Yes
Mission Critical:	Yes

Description:

Configure existing routers to support SD-WAN capability across all agency locations. This approach prepares agency location(s) with the ability to add additional network capabilities (multiprotocol label switching (MPLS), broadband, wireless (i.e., Cradlepoint)) to take advantage of application -aware routing over private and public networks.

Three step process:

Remote internetwork operating system (IOS) software upgrade on the router.

Remote SD-WAN deployment

Circuit deployment as needed

VDH Website Modernization

BRT Type:	Business Requirement for New Technology
Requested Start:	6/16/2023
Mandate:	
Mission Critical:	Yes

Description:

The primary objective of the COV Website Modernization and the CMS Virginia.gov projects are to ensure all state sites are on a single common platform and are following required VITA, COV and 508 standards

Virginia Electronic Disease Surveillance VEDSS	
BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

Virginia Immunization Information System VIIS	
BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

Virginia Online Injury Reporting System (VOIRS)	
BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

Virginia Outbreak Surveillance System (VOSS)	
BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

Virginia Vital Events and Screening Tracking Syste

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	

Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost

Web Site

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	

Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost

WebVISION

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	

Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost

Workforce Incentive Program System (WIPS) and EMS

BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	

Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	
X-Ray Machine Registration and Certification Datab	
BRT Type:	Business Requirement for Existing Technology
Requested Start:	12/1/2019
Mandate:	
Mission Critical:	
Description:	
Associated Project: CTP20411 - EO19_VDH_Aggregate_ReHost	

Commonwealth Projects >= $250,000.00

Agency:	601 Department of Health
Date:	12/27/2023

EO19_VDH_Aggregate_ReHost	
	Investment Business Case Approval

Project Start Date	12/1/2019	Project End Date	6/1/2021

Estimated Costs:	Total		General Fund	Non-General Fund
Project Cost		$3,321,300.00	$3,321,300.00	
Estimated first year of biennium:		$0.00	$0.00	$0.00
Estimated second year of biennium:		$0.00	$0.00	$0.00

Project Related Procurements

There are no procurements for this project

WIC EBT Project	
Category 3	Investment Business Case Approval
To acquire the services of a qualified online WIC EBT Service Provider to transfer their WIC EBT system to the Virginia Special Supplemental Nutrition Program for Women, Infants and Children (WIC). Services include the materials, software and hardware needed to support WIC EBT, as described within this RFP. The Commonwealth will be contracting with a single online WIC EBT Service Provider.	

Project Start Date	3/10/2021	Project End Date	12/30/2021

Estimated Costs:	Total		General Fund	Non-General Fund
Project Cost		$6,000,000.00		$6,000,000.00
Estimated first year of biennium:		$3,000,000.00	$0.00	$3,000,000.00
Estimated second year of biennium:		$3,000,000.00	$0.00	$3,000,000.00

Project Related Procurements

There are no procurements for this project

Electronic Health Record Project	
Category 2	Investment Business Case Approval

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.

VDH will be looking for a SaaS solution.

Project Start Date		12/1/2023	Project End Date	6/1/2026
Estimated Costs:	Total		General Fund	Non-General Fund
Project Cost		$43,915,833.00		$43,915,833.00
Estimated first year of biennium:		$0.00	$0.00	$0.00
Estimated second year of biennium:		$0.00	$0.00	$0.00

Project Related Procurements

There are no procurements for this project

ODW SRF Modernization Project	
Category 4	Project Initiation Approval

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

An application will be developed using Microsoft PowerApps/SharePoint.

VDH will submit a procurement for the procurement of services with CapTech to manage the project and perform the development.

Project Start Date		10/17/2022	Project End Date		8/31/2023
Estimated Costs:	Total		General Fund	Non-General Fund	
Project Cost		$1,617,999.00			$1,617,999.00
Estimated first year of biennium:		$0.00	$0.00		$0.00
Estimated second year of biennium:		$0.00	$0.00		$0.00

Project Related Procurements

There are no procurements for this project

Agency Grant Management System Project	
Category 3	Project Initiation Approval

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 Start Date		3/1/2023	Project End Date	4/1/2024

Estimated Costs:	Total		General Fund	Non-General Fund
Project Cost		$3,700,480.00		$3,700,480.00
Estimated first year of biennium:		$0.00	$0.00	$0.00
Estimated second year of biennium:		$0.00	$0.00	$0.00

Project Related Procurements

There are no procurements for this project

Spend Smart Project	
Category 4	Project Initiation Approval

The Office of Information Management (OIM) within Virginia Department of Health (VDH) receives a regular bill from Virginia Information Technology Agency (VITA) for technology services and assets, and subsequently charges each Office and District within VDH for their "portion" of the VITA bill. The existing Excel spreadsheet that OIM uses to allocate portions of the VITA bill to Offices and Districts needs to be replaced with a tool (using Power Platform) to provide better visibility to the recipient and needs a Supplier with expertise in the Power Platform who can build the budget tools and provide documentation about their governance.

Project Start Date		5/1/2023	Project End Date	8/31/2023

Estimated Costs:	Total		General Fund	Non-General Fund
Project Cost		$541,660.00		$491,660.00
Estimated first year of biennium:		$0.00	$0.00	$0.00
Estimated second year of biennium:		$0.00	$0.00	$0.00

Project Related Procurements

There are no procurements for this project

VIIS Software Modernization Project	
Category 2	Investment Business Case Approval

VIIS, a 15-year-old system, requires modernization to better align with CDC 4.1 functional standards and 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 (DOI). The system, has been tailored over the years 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. The CDC's Immunization Information System (IIS) Functional Standards help assure that all IISs attain a level of uniformity and consistency in supporting common clinical, programmatic, and public health immunization goals.

The intended ways to meet these goals include the following:
1. Improve System Functionality: VIIS may need numerous functionality updates to meet mission needs and align with standards (e.g., improve data collection & analysis, capabilities for vaccine administration/ordering/inventory, provider onboarding/data use agreements/registration/enrollment/renewal, and reporting and sharing with the CDC and across core public health data sources used for all disease and conditions)

2. Enhance Technology Integration: VIIS needs to improve interoperability across systems, including, the CDC's IZ Gateway and VDH's Office of Vital Records systems, in order to streamline processes, data access/sharing/matching, and survey management (e.g., tap into more data sources, promote health equity, and increase capacities for scalable outbreak response, forecasting, and predictive analytics)
3. Best Utilize Workforce: Increase the ability to use next-generation skills for actionable public health insights
4. Increase Access to Population Health Data: VIIS should improve access to population-health level vaccination data in order to support outreach and health equity efforts (e.g., ensure transparency, address policy challenges, and solve problems together)
5. Create Additional Automation Features: VDH has an opportunity to automate and streamline processes that are currently manual in VIIS (e.g., use resources wisely, improve VFC/VFA vaccine ordering and shipments, monitor progress, and support strategic innovation for new ways of thinking and working)

VDH will conduct an RFP for a replacement.

Modernizing the VIIS system supports the agency's mission to protect and promote the health of all Virginians. VIIS benefits health care organizations, health care providers, schools, licensed childcare programs, pharmacies and those receiving immunization care and services in Virginia by consolidating immunization information from multiple providers into a comprehensive immunization record. This consolidation reduces vaccine-preventable diseases due to under-vaccination and over-vaccination and allows providers to view up-to-date patient immunization history in one system.

Project Start Date		4/1/2024	Project End Date		6/30/2025
Estimated Costs:	**Total**		**General Fund**	**Non-General Fund**	
Project Cost		$3,500,000.00			$3,500,000.00
Estimated first year of biennium:		$0.00	$0.00		$0.00
Estimated second year of biennium:		$0.00	$0.00		$0.00

Project Related Procurements

There are no procurements for this project

ServiceNow - IRM, HAM, SAM Project	
Category 4	Project Initiation Approval

 This project will be a new implementation of the IRM module for the (ISO) Information Security Office. Expanded capabilities of the currently installed SAM and HAM modules. Acronyms spelled out (IRM) Integrated Risk Management, (HAM) Hardware Asset Management, and (SAM) Software Asset Management. ServiceNow provides a single platform to assist in digitizing work, provide AI and predictive analytics, native mobile and conversational interfaces.

ServiceNow is a platform of platforms and allows configurations based on business workflows. ServiceNow also has the capability to integrate incidents across instances will be implemented as part of this project. Hosted FEDRamp. VITA and Federal Government approved hosting environment.

VDH will use ServiceNow to track software licenses and requests, laptops, mobile devices and server inventory.

VDH will use Fairfax County IT Hardware, Software, & Services – Carahsoft Fairfax County Contract 4400006323.

The PGR for this project has already been approved.

Project Start Date		8/24/2023	Project End Date		8/23/2024
Estimated Costs:	**Total**		**General Fund**	**Non-General Fund**	
Project Cost		$999,762.32			

Estimated first year of biennium:		$0.00	$0.00		$0.00
Estimated second year of biennium:		$0.00	$0.00		$0.00

Project Related Procurements

ServiceNow – IRM, HAM/SAM Procurement

Commonwealth Procurements >= $250,000.00

Agency:	601 Department of Health
Date:	12/27/2023
Stand Alone Procurements:	
Procurement Name:	CHAAMPS System Maintenance Procurement
Procurement Date	10/19/2020
Procurement Description:	The Chaamps System is a custom solution that was developed for VDH by Colyar Technology Solutions (CTS). VDH has oversight for the Child and Adult Care Food Program (CACFP). The system maintenance includes: • Defect corrections • Software releases for completed Enhancement requests and completed defect fixes • Phone support for State Agency with CTS as needed (during normal business hours) • UAT database environment refresh as mutually agreed • Staff support related to Knowledge Transfer / Non-defect related Assistance (Off-site) • Software or licensing for software that is specific to the System
Procurement Name:	Crossroads Procurement
Procurement Date	12/30/2022

Procurement Description:	To provide software maintenance and enhancement services to the Crossroads Users Group for the Crossroads application software. The RFP is a request for maintenance and enhancements of the current Crossroads system. Currently, the current vendor (Gainwell) hosts the application and the data. The system has been in place since 2013.
Procurement Name:	Document Digitization Procurement
Procurement Date	12/31/2025
Procurement Description:	VDH intends to digitize records in an effort to increase accuracy and efficiency of record storage and recall as well as to realize efficiency in office space management. VDH plans to utilize the VITA statewide contract with Xerox to accomplish the digitization effort
Procurement Name:	IBM for RWHAP B Procurement
Procurement Date	3/26/2026

Procurement Description:	To secure the services of a qualified contractor to serve as an Insurance Benefits Manager (IBM) for Virginia's Ryan White HIV/AIDS Part B Program (RWHAP B). An IBM is an organization or system that provides administrative and insurance claim adjudication services. An IBM is neither the insurer nor the insured; it simply handles the administration of the plan. The scope of work will have the IBM assist with eligibility determination, insurance enrollment, insurance premium payments and potential cost shares, record keeping/data collection and analysis, create access to provider networks and build relationships with insurance carriers for efficient program operations (including resolution of challenges that affect the performance of the IBM), and coordination of other applicable outreach benefits on behalf of eligible clients enrolled in the Virginia Medication Assistance Program (VA MAP). [VP1] [VP2] The goal is to maintain clients' program eligibility, health insurance coverage, and access to medications by ensuring enrollment of VA MAP eligible clients in an appropriate insurance coverage option including VA Medicaid and Medicare. This includes enrollments during traditional enrollment periods and special enrollment periods of any insurance option that is available to clients. This also includes making premium payments and any other payments such as tax liabilities in a timely manner to prevent any lapses in coverage due to nonpayment and assures continuity of insurance coverage.
Procurement Name:	VIIS Hosting and Maintenance 2024-2025
Procurement Date	6/30/2025
Procurement Description:	To extend the current contract with Gainwell Technologies for hosting and maintenance of the Virginia Immunization and Information System (VIIS). The 18-month Gainwell contracts will extend until a vendor has been selected through the RFP process for the VIIS Software Modernization project. To extend the current contract with Gainwell Technologies for hosting and maintenance of the Virginia Immunization and Information System (VIIS). The current contacts with Gainwell expire on 12/31/2023.