Project Title	Approval Status	Agency Code	Project Start Date	Detailed Project Planning Completed Date	Estimated Project Completion Date	PPEA	Original Project Cost Estimate at Completion	Current Project Cost Estimate at Completion	Actual Project Expenditures To Date	Total Project Expenditures Non General Fund in FY24	Total Project Expenditures Federal Fund in FY24	Total Project Expenditures General Fund in FY24	Total Project Expenditures Non General Fund in FY25	Total Project Expenditures Federal Fund in FY25	Total Project Expenditures General Fund in FY25	Total Project Expenditures Non General Fund in FY26	Total Project Expenditures Federal Fund in FY26	Total Project Expenditures General Fund in FY26	Estimated Operating Expenses for FY1 After Project Completion	Estimated Operating Expenses for FY2 After Project Completion
Adult Education Data System Project	Active	201	9/27/2023		8/30/2024	No	$2,080,000.00	$2,080,000.00	$298,873.75	$867,528.50		$867,528.50							$320,317.00	$303,076.00
Agency Grant Management System Project	Active	601	6/15/2023		4/1/2024	No	$3,700,480.00	$3,700,480.00	$3,451,280.00		$1,802,080.00								$95,580.00	$95,580.00
AI-Based System for Incident Management PROJ	Active	501	1/4/2022	1/4/2022	3/31/2027	No	$9,110,000.00	$11,314,000.00	$2,592,707.19	$3,932,500.00		$3,280,000.00			$822,500.00				$500,000.00	$1,500,000.00
Automated Fingerprint Identification System (AFIS)	Active	156	3/2/2021	6/30/2022	11/30/2023	No	$1,878,802.00	$2,010,514.00	$1,209,524.12	$1,100,626.47		$1,100,626.47			$1,100,626.47				$1,100,626.00	$1,100,626.00
Body Worn/In Car Cameras - Project	Active	156	5/26/2023	6/30/2023	6/30/2024	No	$9,675,858.00	$9,675,858.00	$9,000,228.00										$2,414,171.60	$2,414,171.60
CRIS - Criminal and RapBack Information System	Active	156	6/28/2022	6/28/2022	2/27/2026	No	$29,096,093.00	$29,096,093.00	$6,961,987.22	$3,403,208.00			$9,599,211.00		$1,597,513.00	$5,403,848.00	$391,931.60	$315,418.40	$2,105,167.00	$3,399,569.00
Crisis Call Center Project Tech Deliverables	Active	720	8/26/2021	9/13/2022	12/31/2023	No	$5,000,000.00	$5,000,000.00	$3,280,611.50			$2,046,202.00			$2,046,202.00			$2,046,202.00	$1,861,614.00	$1,917,463.00
CRS/BIS - Project	Active	765	12/26/2020		9/23/2024	No	$4,010,694.95	$4,010,694.95	$1,377,082.08	$3,035,055.32			$1,103,015.63						$275,000.00	$275,000.00
DBHDS – Proj – Data Governance	Active	720	12/12/2023	12/12/2023	3/31/2026	No	$4,073,933.00	$4,073,933.00	$1,735,376.68		$3,265,693.34		$420,759.96			$387,479.56				
DBHDS Project - CCS3 Sunset	Active	720	6/18/2023	6/19/2023	2/28/2026	No	$2,734,424.00	$2,806,261.00	$1,797,270.69			$1,500,001.00			$500,000.00				$287,109.00	$287,109.00
DBVI-VIB ERP Implementation (Financials & Mfg)	Active	262	12/7/2021	12/8/2021	9/30/2025	No	$1,863,675.00	$4,341,772.00	$7,250.00	$2,334,437.00			$1,795,995.00			$181,340.00			$110,000.00	$110,000.00
DCLS Environmental Lab Upgrade	Active	194	9/3/2021	9/3/2021	2/29/2024	No	$903,157.00	$1,184,210.00	$1,184,209.99										$49,225.00	$49,225.00
DEQ Oracle EBS Upgrade Project	Active	440	9/8/2023	9/8/2023	7/31/2024	No	$4,441,781.00	$4,441,781.00	$1,700,178.06			$4,441,781.00							$592,213.00	$592,213.00
DMV Project 2021: Re-platform CSS Mainframe Apps	Active	154	4/29/2022	6/8/2022	11/1/2024	No	$49,367,143.00	$49,367,143.00	$11,721,439.00	$13,222,190.00			$281,250.00						$29,086,800.00	$29,086,800.00
DOLI Dynamics Deployment Project	Active	181	3/9/2023	3/9/2023	1/31/2024	No	$5,197,496.00	$5,197,496.00	$5,197,496.09										$80,000.00	$80,000.00
DPOR Systems Replacement - Project	Active	222	2/8/2021	2/8/2021	4/30/2026	No	$7,785,000.00	$11,328,668.00	$888,301.19	$1,790,000.00									$241,000.00	$241,000.00
EAP Percentage of Income Payment Program (CR671)	Active	765	12/6/2022	12/27/2022	7/1/2024	No	$1,373,427.00	$2,419,450.00	$1,672,575.00		$1,109,737.00								$510,000.00	$510,000.00
Early Childhood Licensing - IDM Project	Active	201	6/22/2023	6/22/2023	1/20/2024	No	$2,080,000.00	$2,080,000.00	$878,419.80										$400,000.00	$400,000.00
Early Intervention Part C Data System (ITOTS)	Active	720	12/12/2019	5/20/2022	2/28/2024	No	$1,650,000.00	$2,500,000.00	$2,260,000.00										$349,995.98	$325,000.00
Electronic Healthcare Records	Active	799	7/26/2023	7/27/2023	8/31/2025	No	$22,231,750.00	$22,231,750.00	$7,974,872.50										$5,625,140.00	$5,795,140.00
Enhanced 511 PROJ	Active	501	9/1/2021	9/1/2021	12/30/2023	No	$4,428,092.00	$4,428,092.00	$1,219,914.84										$4,331,530.00	$4,547,606.00
Fuel Hardware and Software Replacement PROJ	Active	501	4/12/2022	4/12/2022	12/31/2028	No	$12,100,000.00	$12,100,000.00	$787,057.96	$1,685,046.00			$2,972,693.00			$3,010,072.00			$83,045.00	$120,424.00
Gold Standard Digital Hub 2.0 Project	Active	912	11/13/2023		12/31/2024	No	$1,350,000.00	$1,350,000.00	$320,833.38			$550,000.00			$625,000.00			$175,000.00	$50,000.00	$50,000.00
Human Capital Management Cloud Implementation PROJ	Active	501	5/6/2021	5/6/2021	7/31/2024	No	$5,725,737.80	$5,725,737.80	$4,769,577.38										$624,620.00	$624,620.00
Instructional Improvement System Project	Active	201	11/4/2020	11/4/2020	9/30/2024	No	$3,801,400.00	$9,661,439.00	$4,485,429.06		$837,500.00								$210,000.00	$210,000.00
Land Use Outdoor Advertising Permit PROJ	Active	501	1/11/2022	1/11/2022	12/31/2024	No	$1,797,276.00	$2,625,489.35	$2,431,672.35										$39,102.60	$39,102.60
Medicaid Dental Program	Active	602	1/13/2023	1/13/2023	11/30/2024	No	$2,330,699.00	$2,330,699.00	$1,926,595.74		$194,224.87	$194,224.87							$10,675,933.32	$10,675,933.32
Multimodal Mobility Enhancement DI PROJ	Active	501	1/4/2022	1/4/2022	9/2/2024	No	$3,200,010.00	$3,200,010.00	$1,988,889.04	$841,667.00			$175,000.00						$156,250.00	$427,083.31
ODW SRF Modernization Project	Active	601	11/21/2022	1/26/2023	8/31/2024	No	$1,617,999.00	$1,617,999.00	$1,991,332.33	$61,111.00									$115,000.00	$115,000.00
Oracle EPM implementation Project	Active	136	4/25/2023	4/26/2023	12/31/2023	No	$1,930,000.00	$1,930,000.00	$1,463,516.00	$1,160,579.00									$120,000.00	$120,000.00
OT Service and Asset Management Solution PROJ	Active	501	6/8/2022	6/22/2022	5/31/2024	No	$1,540,000.00	$1,540,000.00	$1,527,500.00										$280,000.00	$280,000.00
Primary Election System - Project	Active	132	10/26/2020	10/21/2022	1/30/2026	No	$25,839,544.00	$28,423,499.00	$9,230,181.00		$5,601,546.00	$4,398,454.00		$1,613,248.00	$8,386,752.00			$7,000,000.00	$6,349,599.00	$4,366,478.00
RUMS Replacement PROJ	Active	501	6/16/2023	7/6/2023	3/31/2026	No	$4,961,100.00	$4,961,100.00	$1,566,810.81										$720,072.00	$720,072.00
SOR System Replacement	Active	156	8/2/2019	8/2/2019	1/31/2024	No	$1,534,500.00	$1,758,505.00	$1,826,138.00										$250,000.00	$250,000.00
STARS Infrastructure and Subscriber Upgrade	Active	156	7/30/2019	7/30/2019	10/31/2024	No	$132,475,530.00	$132,475,530.00	$87,623,765.82										$10,607,358.00	$10,925,579.00
State Permit Tracking Assessment Project	Active	136	9/29/2023	9/22/2023	7/31/2024	No	$3,263,846.00	$3,263,846.00	$436,987.17			$3,263,846.00							$1,795,596.00	$1,795,596.00
TAX VoIP System Upgrade and Maint Project	Active	161	8/7/2023	8/7/2023	7/30/2023	No	$3,220,000.00	$3,220,000.00	$405,145.72										$250,000.00	$250,000.00
Teacher Licensure Project - System Automation	Active	201	12/21/2022	12/21/2022	12/31/2025	No	$3,031,424.00	$3,717,424.00	$1,587,269.91		$413,414.74			$203,622.22	$434,085.45	$213,803.32	$184,530.25	$90,888.05	$959,866.75	$968,895.34
VA Child Support & Mgmt Process System (vCHAMPS).	Active	765	12/11/2023		7/30/2027	No	$102,685,480.00	$102,685,480.00	$69,718,769.10	$5,762,737.68	$11,186,490.84		$9,627,151.32	$18,687,999.72		$9,244,894.32	$18,540,596.64	$306,322.08	$1,900,000.00	$1,900,000.00
VDEM - EOC AV upgrade Project	Active	127	12/21/2011	1/3/2022	10/1/2024	No	$2,500,000.00	$2,500,000.00	$2,470,529.49										$158,800.00	$170,900.00
VDEM Prj - Flood Intel Unit Gauges	Active	127	11/21/2023	12/1/2023	7/31/2024	No	$1,193,490.00	$1,193,490.00	$419,349.10		$1,254,761.68			$102,525.00			$102,585.00		$102,585.00	$102,585.00
VDOT Smart Portal 2024 PROJ	Active	501	5/11/2023	5/12/2023	8/29/2025	No	$5,296,343.00	$5,296,343.00	$1,212,238.93										$329,000.00	$329,000.00
VeraSmart Project	Active	136	4/28/2023	5/1/2023	3/31/2024	No	$1,796,000.00	$1,796,000.00	$1,736,833.33	$1,532,334.00									$1,664,880.44	$1,664,880.44
Veterans Information Management System Project	Active	912	4/3/2023	4/3/2023	10/28/2024	No	$2,000,000.00	$2,000,000.00	$1,313,333.31										$200,000.00	$200,000.00
Virginian Identity Project	Active	136	10/3/2023	10/3/2023	1/31/2025	No	$2,304,600.00	$2,304,600.00	$1,027,366.76	$1,250,000.00			$1,250,000.00						$367,500.00	$735,000.00
VSP Transformation Program	Active	136	1/26/2021	3/17/2022	5/30/2025	No	$44,361,225.00	$44,361,225.00	$11,279,182.30				$20,900,000.00						$6,125,000.00	$6,125,000.00
VSU - WLAN - WIFI PROJECT	Active	212	4/11/2022	4/28/2022	12/31/2024	No	$5,600,000.00	$6,791,200.00	$4,832,366.62										$132,000.00	$134,100.00
Web Content Management DXP PROJ	Active	501	5/24/2022	5/22/2022	6/18/2024	No	$2,410,639.00	$2,410,639.00	$1,233,980.68										$211,391.00	$211,391.00

Project Title	Approval Status	Agency Code	Project Start Date	Detailed Project Planning Completed Date	Estimated Project Completion Date	PPEA	Original Project Cost Estimate at Completion	Current Project Cost Estimate at Completion	Actual Project Expenditures To Date	Total Project Expenditures Non General Fund in FY24	Total Project Expenditures Federal Fund in FY24	Total Project Expenditures General Fund in FY24	Total Project Expenditures Non General Fund in FY25	Total Project Expenditures Federal Fund in FY25	Total Project Expenditures General Fund in FY25	Total Project Expenditures Non General Fund in FY26	Total Project Expenditures Federal Fund in FY26	Total Project Expenditures General Fund in FY26	Estimated Operating Expenses for FY1 After Project Completion	Estimated Operating Expenses for FY2 After Project Completion
Case Management Records Management and Dispatch Sy	Proposed	156	5/3/2022		11/1/2024	No	$40,000,000.00	$40,000,000.00	$0						$25,000,000.00			$8,000,000.00	N/A	N/A
Coleman Bridge Toll System PROJ	Proposed	501	4/1/2024		10/1/2032	No	$7,800,000.00	$7,800,000.00	$0	$3,000,000.00					$400,000.00			$400,000.00	N/A	N/A
CSOD to Oracle Learning PROJ - ITSP - FY24	Proposed	501	1/1/2024		12/31/2026	No	$1,354,878.00	$1,354,878.00	$0						$570,946.00	$570,946.00		$595,946.00	N/A	N/A
DBHDS Incident Management System Project	Proposed	720	9/1/2023		11/30/2024	No	$12,937,551.80	$12,937,551.80	$0	$2,500,000.00			$2,500,000.00						N/A	N/A
DBHDS Proj - Enterprise Data Warehouse	Proposed	720	4/3/2023		2/28/2025	No	$5,378,652.00	$5,378,652.00	$0		$2,200,000.00			$2,520,000.00					N/A	N/A
DBHDS Revenue Cycle (AVATAR) Replacement Project	Proposed	720	6/1/2023		6/30/2025	No	$13,400,000.00	$13,400,000.00	$0	$6,700,000.00			$6,700,000.00						N/A	N/A
DHCD Rent Relief Program Project	Proposed	165	5/24/2021		5/27/2025	No	$4,000,000.00	$4,000,000.00	$0	$1,000,000.00			$1,000,000.00						N/A	N/A
eGovernment Self Help Expansion My Virginia TAX	Proposed	161	4/28/2021		9/8/2023	No	$2,506,492.00	$2,506,492.00	$0			$1,000,000.00			$506,492.00				N/A	N/A
Electronic Health Record Project	Proposed	601	12/1/2023		6/1/2026	No	$43,915,833.00	$43,915,833.00	$0		$14,638,611.00			$14,638,611.00			$14,638,611.00		N/A	N/A
Federal Program Management Application PROJ	Proposed	501	10/1/2024		6/28/2030	No	$7,938,500.00	$7,938,500.00	$0						$658,616.00			$1,339,524.00	N/A	N/A
Grants Management (GMS) - Project	Proposed	765	12/1/2023		1/10/2025	No	$3,621,789.00	$3,621,789.00	$0										N/A	N/A
Offender GPS Tracking System Project	Proposed	799	11/26/2022		1/31/2024	No	$9,073,900.00	$9,073,900.00	$0			$1,814,780.00			$1,814,780.00			$1,814,780.00	N/A	N/A
Pavement Maintenance Scheduling PROJ - ITSP - FY24	Proposed	501	10/1/2024		9/30/2024	No	$1,844,900.00	$1,844,900.00	$0						$1,844,900.00				N/A	N/A
PinDrop VITA Service	Proposed	182	11/1/2023		7/31/2024	No	$1,000,000.00	$1,000,000.00	$0										N/A	N/A

Project Name	Status	ID	Start Date	End Date		Total Cost	Total Cost		FY1	FY2	FY3	FY4	FY5	FY6	FY7		
Project Tiger Team and Security Enhancements	Proposed	182	1/2/2024	7/31/2024	No	$3,350,000.00	$3,350,000.00	$0	$1,675,000.00			$1,675,000.00				N/A	N/A
Replace Automated Inventory Mgmt System (AIMS)	Proposed	156	3/3/2023	6/28/2024	No	$1,400,000.00	$1,400,000.00	$0			$600,000.00		$300,000.00		$100,000.00	N/A	N/A
Replace LiveScan System Project	Proposed	156	9/1/2023	6/30/2025	No	$3,550,895.00	$3,550,895.00	$0					$1,396,554.00		$2,154,341.00	N/A	N/A
Subsidy Attendance Application Project	Proposed	201	1/1/2024	12/31/2024	No	$6,000,000.00	$6,000,000.00	$0			$2,000,000.00		$1,000,000.00		$1,000,000.00	N/A	N/A
Tool Management PM Project	Proposed	799	2/28/2022	3/1/2023	No	$1,400,000.00	$1,400,000.00	$0			$1,400,000.00					N/A	N/A
Traffic Monitoring System Replacement PROJ	Proposed	501	11/1/2021	1/1/2024	No	$5,368,200.00	$5,368,200.00	$0	$5,368,200.00							N/A	N/A
VIIS Software Modernization Project	Proposed	601	4/1/2024	6/30/2025	No	$3,500,000.00	$3,500,000.00	$0	$1,750,000.00		$1,750,000.00					N/A	N/A
WIC EBT Project	Proposed	601	3/10/2021	12/30/2021	No	$6,000,000.00	$6,000,000.00	$0		$3,000,000.00						N/A	N/A

Project Title	Description
Adult Education Data System Project	The Office of Career, Technical and Adult Education has utlized a web-based system for data collection from adult education programs across the Commonwealth. The evolving federal requirements and program-level requirements have created a need to a vendor to provide the state with a new web-based data management solution to meet the goals and requirements of the WIOA landscape.DOE will conduct an RFP to aquire 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.
Agency Grant Management System Project	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.
AI-Based System for Incident Management PROJ	VDOT is requesting that the Offeror propose an innovative solution that meets the following high-level needs and functions for the AI-DSS: ● Predict/project transportation events (location, expected duration, severity) that will occur in a customer-configurable future period, such as between 15 minutes and an hour into the future; ● Predict/project traffic congestion (location, expected duration, intensity) that will occur between 15 minutes and an hour in the future; ● Predict/project transit crowding that will occur between 15 minutes and an hour in the future; ● Predict/project the availability of parking spaces at selected individual regional parking facilities between 15 minutes and an hour in the future during AM Peak; ● Develop multi-modal, multi-agency response plan elements through coordination and agreement with regional operating agencies; ● Develop business rules and operating procedures for responding to incidents and congestion through coordination and agreement with regional operating agencies; ● Recommend response plan elements for actual and predicted transportation incidents and the expected impact of the response plan; ● Recommend response plan elements for actual and predicted traffic congestion; ● Recommend response plan elements for actual and predicted transit crowding conditions; ● Provide a data interface for parking availability predictions to send data and prediction information to the RM3P Data-Exchange Platform (DEP); ● Provide a web-based graphical user interface that authorized transportation operators can view modify, and coordinate recommended response plans; ● Provide response plan recommendations to regional stakeholders in various formats including but not limited to an API for agency operating systems to integrate the DSS data, a web-based GUI, and alerts in text and email format; ● As a separate option to the AI-DSS project, the Vendor for the Data Incentivization (DI) project may need to generate triggers within the DSS to implement various DI strategies. The AI-DSS vendor may be asked to develop an interface for the DI vendor to connect to the AI-DSS system and provide documentation for the DI triggers in the response plans. This work is an optional task, and will require separate pricing during the technical proposal pricing phase; and ● Provide a data interface to the RM3P Data-Exchange Platform (DEP) to send prediction information, response plan recommendations, and the executed response plan elements. ● Develop a data interface to the DEP to obtain current traffic, transit, and parking information. The Offeror will propose its System-as-a-Service approach based on its expertise and proposed technologies; teaming arrangements are encouraged. VDOT is open to innovative solutions and the Offeror shall detail how its solution meets the needs and functions listed above. Below is a list of probable elements in an AI-DSS solution. VDOT anticipates that these components or capabilities are likely to be reflected in Offerors' responses. Where specific elements are not needed, Offerors should explain the work-around.: Rules Engine The Rules Engine contains the logic to make determinations based on pre-defined rules. This includes monitoring current conditions to determine when a response plan needs to be created, updated, or deactivated; and developing response plans from a set of rules applied to current conditions. Modeling Engine An AI-DSS Modeling Engine may be used for evaluation and development of various response plans and events within the corridors and hot spots listed in the Predictive Engines section. The Model may be used by the selected Offeror to assist in the training of its predictive service.
Automated Fingerprint Identification System (AFIS)	VSP will be working with VITA's SCM Group on this high-risk contract, with VITA's ECOS Team on the ECOS Assessment and CIO approval, and with a VITA PMD on the associated State level project, as well as all the required governance process and VITA approvals.
Body Worn/In Car Cameras - Project	Implement a SaaS solution to provide body worn and in car cameras for all troopers in the agency. Equipment to be procured with Motorola under contract VA-230420--MSI).

CRIS - Criminal and RapBack Information System	Virginia State Police (VSP) is requesting information to discover market availability of cloud-hosted, browser-based, software as a service solutions (SaaS) for: ● Computerized Criminal History System (CCH): collects, verifies, files, maintains, disseminates & deletes the arrest, disposition, corrections and related criminal history record information (CHRI) for the Commonwealth of Virginia (VA) including determining and reporting criminal history statistics. o Criminal History Expunge and Seal: collects, verifies, files, expunges, seals, maintains, disseminates and deletes the arrest, offense, disposition, corrections and related CHRI including determining and reporting expungement & sealed statistics. o Civil Commitment Orders: processes civil commitment orders from the Courts and establishes individuals in the National Instant Background Check System (NICS) to indicate the person's eligibility to purchase, possess and transport firearms. ● Applicant System: processes & responds to name and fingerprint-based applicant background check requests. ● Rap Back: provides state and federal subscriptions and event-based notification services. ● Master Name Index (MNI): maintains the central name repository for criminal history records (CHR) in VA, including sex offender, VA Rap Back subscribed identities, retired VSP officers (that retained their service weapon), firearm sellers, and Civil Commitment Order patient names.
Crisis Call Center Project Tech Deliverables	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.
CRS/BIS - Project	CRS and BIS replacement. VDSS requires design, development, and implementation of an information system (application) into a Salesforce-based LCAP tool. This technology will replace the existing legacy java application system (CRS and BIS) which will have significant improvement in performance compared to legacy systems. The central registry is a check to determine if the person has ever been the subject of a founded complaint of child abuse or neglect in Virginia.The Background Information System is for compliance with State and Federal law requiring comprehensive background checks for individuals affiliated child care.The cost has been updated with removal of the contingency.
DBHDS – Proj – Data Governance	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. This project will establish a data governance model and tactical implementation plan that will support and align with the Agency's objectives to: 1. Implement data governance, policy, process, and tools (OKR-9A) 2. Adhere to data governance policy for all source systems to improve data reliability and validity (OKR-9D) This project is foundational to providing comprehensive data analytics for the continuum of care and reducing administrative burden on provider reporting (OKR-9E).
DBHDS Project - CCS3 Sunset	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. The business objective is to provide a mechanism for DBHDS to understand the impact of public funding on the behavioral health of the population served by Virginia's publicly funded behavioral healthcare system. This will require the exchange of encounter-level data for services that are publicly funded either through Medicaid, General Funds from the legislature, or federal grant funding. This encounter-level data allows DBHDS to satisfy current reporting requirements to various funders while also allowing for advanced, population-level analytics to ensure every public dollar is put to its maximum use in deriving positive outcomes within the public behavioral healthcare system. The criticality of this objective has taken a prominent position in the DBHDS agency strategic plan.

DBVI-VIB ERP Implementation (Financials & Mfg)	The DBVI ERP effort will complete the full decommissioning and replacement of existing DBVI ERP systems of record, including: * ERP Platforms: Macola and CounterPoint * Macola Reporting Tool: PULSE-Dashboard * 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) DBVI selected Odoo as its preferred solution provider for the DBVI ERP effort. Odoo will deploy an open-source, fully integrated, modular toolset as the primary ERP platform that will deliver powerful new capabilities for DBVI across Customer Engagement, Workflow Management, Product, Sales Support, Shipping, and Finance & Accounting functional areas. DBVI and Odoo will deliver all new functionality via an agile project methodology, including sprints, PI planning meetings, and other standard best practices. The effort is expected to start on January 1, 2022 and run 12-18 months for primary implementation, with an expected close date of June 30, 2023. Numerous stakeholders will benefit from the DBVI ERP effort, including: * VIB & DARS Accounting Staff who will no longer have to perform duplicate data entry functions by effective systems integration and automation, leaving those staff members much more time to devote to higher-value activities and better ensuring data integrity and ownership. * VIB Manufacturing staff who will more efficiently and effectively plan, procure, produce, and ship products based on system-generated schedules while maintaining accurate and immediate inventory control by leveraging the centralized data and analytics capabilities inherent in the new toolsets.
DCLS Environmental Lab Upgrade	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.
DEQ Oracle EBS Upgrade Project	Project to upgrade the agency's existing Oracle EBS solution in order to modernize, bring into compliance, and to implement additional functionality. This will be done as a service solution 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.
DMV Project 2021: Re-platform CSS Mainframe Apps	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
DOLI Dynamics Deployment Project	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.

DPOR Systems Replacement - Project	The Department of Professional and Occupational Regulation is initiating a project to procure a new licensing and enforcement system. The system should have the ability to accept and process online applications (including renewals) and online payments. The system will replace DPOR's three main systems EAGLES (DPOR's the current licensing system), ETS (DPOR's the current enforcement tracking system) and IRIS (DPOR's the document system repository for applications and orders management system) with an integrated Cloud-hosted licensing, enforcement and document management system. The preferred solution will include migration of the current systems' data, records, and documents into the new system; implementation of the new multi-function system (to include training); and hosting and maintenance/administration by the vendor. Part of the project will determine how data that cannot be migrated into the new solution will be maintained / accessible until such time as it is no longer required to be kept.
EAP Percentage of Income Payment Program (CR671)	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.
Early Childhood Licensing - IDM Project	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.
Early Intervention Part C Data System (ITOTS)	Purchase a comprehensive early intervention data system (SaaS) to replace the current Infant and Toddler Online Tracking system (ITOTS).
Electronic Healthcare Records	The VADOC presently has inmate medical records in paper form and these documents are not integrated in Virginia CORIS. VADOC would like to automate these healthcare records and integrate the medical records with Virginia CORIS. VADOC does not currently use an EHR solution to manage inmate health information. Currently, inmate health records are either kept on paper or in Microsoft products like Word documents or Excel spreadsheets which are secured but not integrated with VirginiaCORIS, the management system for inmates. VADOC relies on manual processes and paper forms for the delivery, management, and administration of almost all inmate health services, with some contributions from separate electronic medication administration and laboratory result inquiry access supplied by pharmacy and laboratory service vendors. These manual processes, and non-integrated clinical platforms, are less effective and efficient than using an EHR. When inmates are transferred from one facility to another their medical records must be transferred manually, which is time consuming and is difficult to share among other providers, which can lead to delays in information being available or the potential for medical records errors. The lack of integration with VirginiaCORIS causes duplication of effort, challenges with incorporation with standardized medical terminology and coding, and limits the effectiveness of the system. Overall, the current document management process is inefficient and burdensome to staff, patients, and consulting health care providers. 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, better communications and collaboration across internal and external clinical services staff, more precise healthcare information being recorded, and greater continuity of care. While an EHR implementation at the VADOC is a new endeavor for the agency, using an EHR system is common in the medical industry. Successful implementation of the VADOC EHR will follow industry best practices in our electronic information and data exchange, resulting in greater efficiencies and better patient outcomes. The scope of this project included ALL DOC facilities.

Enhanced 511 PROJ	VDOT is seeking a Supplier to provide and securely manage a cloud-based suite of traffic, travel and road information services and specialized tools. This will be done 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: Web, Mobile application (iPhone and Android), Digital voice assistant, IVR and Automated data services or application program interfaces (APIs) of various file types. The project approach is to source a Supplier that can provide a comprehensive service that VDOT wishes to provide to the internal and external end users. VDOT does not have the ability to build and provide the services in-house and therefore seeks a comprehensive Supplier solution approach to the business problem. The project serves the following customers: Internal staff at all levels, Traveling public, Public Safety Partners, Researchers, Media, 3rd Party entities such as the Commercial Vehicle and Connected and Autonomous Vehicle providers, and Automotive manufacturers. The expected internal and external benefits: -Emergency response and readiness through the ability to see in real-time what the roadway looks like across the state with a network of over 1,300 traffic cameras. -Incident detection and awareness- VDOT operations staff outside a given TOC can view incidents quickly by monitoring the feeds of camera images through this system. VDOT can respond more quickly to incidents that are observed including severe road conditions. -Moving to a cloud-based platform solution- VDOT is seeking a vendor that proposes a cloud-based platform for the video and data service which will achieve compliance with EO19. -Innovation to government services- the RFP and contract contains requirements to present and infuse innovation into the program over its lifecycle. The Supplier will be required to host an Innovation Summit for VDOT once a year to showcase potential technologies that may improve the program. -Ability to change and grow the service as innovation drives change- The RFP and subsequent contract has provisions for growth and change to the service over time to include innovation requirements. -Provide a tool to directly support Incident Command Managers (IMCs) in providing real-time, updated incident information to multiple levels of agency management simultaneously and efficiently through the app developed as a result of this RFP and contract. -Reducing staff time by producing a reduction in phone calls to the Transportation Operations Centers and management – The reduction will be a direct result and benefit from the Incident Command app.
Fuel Hardware and Software Replacement PROJ	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.
Gold Standard Digital Hub 2.0 Project	The Virginia Department of Veterans Services' (VDVS) mission is to serve Virginia's veterans, members of the Virginia National Guard, Virginia residents in the Armed Forces Reserves, and their family members by ensuring they receive timely transition, employment and education assistance; benefits; behavioral health care; long-term care; and the recognition they have earned through service to our country and Commonwealth. VDVS needs an IT solution to directly connect Veterans to services provided by VDVS, other state Agencies, Federal Agencies and Community Partners such as non-profits. The solution must provide public interface so that veterans can register securely and request services. It also must allow service providers (non-profit and government) to register to provide services to veterans and their families. The solution must be able to track time from request to fulfillment of request, approximate value of services rendered, and additional metrics to ensure that veterans are able to fully access the services provided. The solution must help VDVS achieve streamline client experience and provide a holistic view for DVS by showing gaps in services and showing impact of services.

Human Capital Management Cloud Implementation PROJ	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.
Instructional Improvement System Project	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. Beyond that, the analytical flags and predictors would be things that we want full creative control over what those are and the ability to change those on an as needed basis.
Land Use Outdoor Advertising Permit PROJ	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.
Medicaid Dental Program	The objective of the project is simply to implement the new Dental services solution by July 1, 2023. Implied with that objective is to ensure continuity of service during the implementation phase and seamlessly integrate with the Medicaid Enterprise System (MES) solution. Specifically, MES integration includes establishing API-based data exchange with Provider Management Services and Encounter Processing Services. The winning vendor will provide Project Management resources and services for the implementation. DMAS will also have a project manager who will work in concert with the vendor PM to accomplish all activities and deliverables required to ensure a successful project, such as training and organizational change management. The project is complete when the new Dental Services solution is implemented; ongoing operations is out of scope for the project.

Multimodal Mobility Enhancement DI PROJ	The purpose of the Dynamic Incentivization (DI) project is to improve safety, reliability, and mobility for travelers in or through Northern Virginia. The DI solution will offer incentives to the public for changing mode, route, or departure time in ways that lessen the overall impact of congestion and incidents. For example, if there was a major crash on Interstate 95 (I-95) that could impact travel in Northern Virginia, commuters who regularly drive that route might be offered an incentive to delay their departure or take transit. 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 way 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-Occupant Vehicle (SOV) trips. While the initial deployment of DI will be limited to NOVA, the solution must be capable of scaling to other parts of the Commonwealth as well. The incentives will be organized into three complementary programs: ● Dynamic Incentives – Created in real time in response to incidents. ● Challenges – Short-term incentives in response to planned events (e.g., construction, Metro station maintenance closures) or to reinforce specific behaviors. ● Loyalty Incentives – Long-term incentives to reinforce the use of active and shared modes. These incentives are intended to encourage behavior changes that reduce the impacts of incidents and planned events and decrease usage of SOVs. Northern Virginia and other parts of the state have several successful Transportation Demand Management (TDM) programs or commuter assistance programs (CAP) already in operation. These programs include manually managed programs, as well as program websites and app-based solutions. The goal of the DI solution is to work with regional stakeholders to enhance and complement these programs. For automated systems DI will support technical integration, and for manual systems DI will encourage local TDM program managers to provide input into the business rules guiding incentive offers. Financial sustainability is an important aspect of this element. Program sponsors cannot provide financial backing for incentives indefinitely, and must find ways to reduce or eliminate the long-term need for using public dollars to fund incentives and rewards. This could include existing agency partners contributing in-kind incentives such as discounted parking or transit passes, cultivating new relationships with private-sector vendors who can provide incentives in exchange for the exposure it offers them and their partners, or any other creative solution the DI vendor can offer to reduce or eliminate the need for public funding of incentives. In addition, the program must establish and grow a significant adoption rate among travelers. This will require ongoing marketing efforts and focus groups to identify ways to tailor the program to provide real value to commuters. Dynamic Incentivization Dynamic incentives will be offered in real-time based on the current transportation conditions as a part of an incident and congestion management operation strategy. DI will offer incentives to the public using one or more mobile apps, of which one will be developed by the DI project, with a strong focus on those who drive alone. The system architecture will be structured to allow multiple app providers to access the incentive solution, and the goal is that over time multiple app providers will join in the system, giving consumers a choice in how they access DI rewards.
ODW SRF Modernization Project	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.
Oracle EPM implementation Project	Implementation of the Oracle EPM solution, which is a cloud-based tool to be used for VITA's internal budget and forecasting process. This will include consultant work Oracle licensing, ECOS approval, etc.

| OT Service and Asset Management Solution PROJ | 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). This includes all Intelligent Transportation Systems (ITS) devices and components (e.g., controllers, cameras, dynamic message signs, firewalls, routers) and all traffic signal system components (e.g., controllers, signals, switches, routers, firewalls, detection devices). As old devices are retired, new devices are added, or exciting devices have configuration change on the OT environment the OTSaAM will reflect these actions. The OTSaAM will be the master data source (i.e. golden record) for all OT device asset information. As such it will be the source for all SOC (Security Operations Center), NOC (Network Operations Center), and IAM (Identity and Access Management) activities further articulated in the forthcoming ConOps.

The OTSaAM will serve and support several functions for the OT environment:
1. Provide integration point for OT tools, processes, and services, including:
* Asset inventory & attribute management
* Asset and network service management
* Change & configuration management
* Ticketing and resolution management
* Asset discovery
* Asset segmentation & device testing
2. Deliver reporting on all aspects of OT security monitoring
3. Provide a comprehensive OT NOC (Network Operations Center)
4. Develop an operations and maintenance plan for OT

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. |

Primary Election System - Project	In collaboration with ELECT, the selected vendor will deliver all functionality using a hybrid agile/waterfall project methodology. Development cycles will be done in sprints, following agile best practices. Final deliverable approvals and project milestones will follow a more traditional waterfall approach. The Project effort will result in the full replacement of the existing elections system, VERIS. Key delivery areas include: • Project Initiation • Gap Validation, Requirements Validation, and System Specification • Configuration and Data Conversion • Software Integration Testing (SIT) • Training • User Acceptance Testing (UAT) • Implementation and Go Live • Maintenance • Plan for and decommission of VERIS Benefits All stakeholders will benefit from replacing a technology framework that is reaching end-of-support and end-of-life with a system running on newer, scalable technology with the ability to reduce performance degradation and increase availability. Improvements from the new SVRS include: • Voters and Department staff will have an enhanced Voter Registration system that will streamline workflows and processes including Pre-registration of 16 year olds, Same Day Registration (SDR), increased scanning capabilities • Election officials will have improved Election Administration features including expanded candidate management, the addition of candidate scanning capabilities, the ability to manage election officials (poll workers) within the system • Election Officials will have improved capabilities for Election Preparation including ballot proofing and rank choice voting (RCV) • Election Officials will have enhanced features for Absentee Voting including streamlined workflows and processes, increased scanning and vote by mail capabilities • All Stakeholders will benefit from improved Election Results & Certification capabilities that will streamline workflows and processes including CAP (Central Absentee Precinct) reporting by precinct for in-person early voting, mailed absentee ballots processed through Election Day, and mailed absentee ballots received by the deadline and processed after Election Day • Department Staff will have enhanced features for Election Security including increased capabilities for auditing and protective scans • Election Officials and Department Staff will have improved capabilities to Maintain Geographic Data that will streamline processes for redistricting and reprecincting efforts • Election officials and Department staff have the ability to work more efficiently utilizing a system that supports multiple browsers
RUMS Replacement PROJ	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 current, RUMS (Right of Way Management System), is functional but, at 15 years old, the system is reliant on antiquated services, tools, and code. Out of date services such as Infragistics, which manages all grid views in RUMS, creates significant IT management issues for many upgrades. The document management and delivery, which is a critical piece to the right of way property acquisition process, utilizes an outmoded document format. This deprecated tool has led hundreds of state- wide system users to independently create their own multiple versions of VDOT form letters. Other issues include cumbersome screen design, connectivity issues, and an unstable web service causing frequent lost work. In combination these factors have discouraged localities and contractors from utilizing the system. These deficiencies create mass rework as well as reporting and tracking challenges on locally administered projects. The desired state is to update or replace RUMS with a modern framework and enhanced functionality that includes workflow, integrated state-of-the-art document management, and the ability to accurately track all project types and managers. The RUMS replacement software will be selected via a competitive RFP; a vendor hosted (SaaS) Software as a Service system.

SOR System Replacement	The current vendor provided Sex Offender Registry (SOR) 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.
STARS Infrastructure and Subscriber Upgrade	The Statewide Agencies Radio System (STARS) provides a public safety grade radio and data network to 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: Infrastructure Upgrade - The Infrastructure Upgrade will consist of the following procurements: 1 Microwave Radio Network Upgrade (RFP) - The microwave radio component of the backbone network consists of radios, waveguides, and antennas. The original microwave hardware, installed in 2005, consists of CM6 SONET/SDH Lever 3 (OC3) and 45Mbps or DS3. Manufacture of these radios ended in June of 2006. The last date to purchase parts was December 2006 and the last date for repair support is June 2022. Additionally, the microwave technology needs to be upgraded to Ethernet which is required to support the upgrade of the land mobile radio equipment. The microwave radio network upgrade will replace all existing microwave radios, and implement Ethernet-based delivery. 2 MPLS (Motorola) - The ASTRO 25 system release plannedforSTARS in 2021 will not support legacyT1 technology, therefore an upgradeto MPLS is required. Motorola Solutions has designed a new MPLS network for STARS utilizing the Nokia 7705 Service Aggregation Router (SAR). The MPLS solution includes the addition of MPLS routing, conversion of existing ASTRO 25 site links from T1 to Ethernet, redundant Nokia network management servers (NFM-P), and cooperative installation coordinated with the Microwave Radio Network Upgrade supplier. 3 TDMA (Motorola) - Over the life of STARS, voice traffic has increased due to an increase of users and interoperability requirements. Given the limited availability of VHF spectrum in the state, STARS must employ technologies that enhance spectrum efficiency to meet long-term operational needs. The practicable solution for building additional network capacity and achieving increased spectrum efficiency is through P25 Time Division Multiple Access (TDMA) technology. The P25 TDMA feature divides each working channel into two timeslots, leveraging 2:1 channel efficiency to nearly double talkpath capacity over existing FDMA using the same radio frequency bandwidth allocation. This enhanced capacity improves the system's Grade of Service, leading to fewer busied calls and faster callbacks during busy situations. 4 TDMA Frequency Coordination (APCO) - Modification of VHF radio frequency authorizations to add the P25 Phase 2 TDMA emission designator, file applications, and secure granted radio station authorizations from the FCC for all applications. 5 Authentication (Motorola) - Radio Authentication uses the P25 link layer authentication standard to prevent illegitimate radios from gaining access to the radio network. It enhances security by authenticating radios before allowing registration to the system. Systems without the Radio Authentication feature are susceptible to cloned and otherwise unauthorized P25 radios on the system. Radio Authentication prevents these unwanted radios from successfully registering on the network. Phase 2: Subscriber Upgrade - The Subscriber Upgrade will consist of the following procurements: 1 Logistics Manager (RFP) The Logistics Manager will oversee the following activities: 2 Test Equipment (State contract) - The test equipment is used to validate operation and assist in troubleshooting the radio. 3 Key Variable Loader (Motorola) - The Key Variable Loader (KVL) allows programmers to generate, transport, and load encryption keys, securely and efficiently into subscriber equipment, thereby enabling secure encrypted communications. 4 Subscriber Equipment (RFP) - The upgrade of the subscriber equipment listed below will take ~3 years to complete.

State Permit Tracking Assessment Project	In 2022, Executive Order #19 established the Office of Regulatory Management (ORM) within the Office of the Governor to provide transparency, streamline regulatory management and fulfill a 25% reduction of Virginia's regulatory burdens. Currently the Commonwealth of Virginia has 92 permitting system being used by 30 + state agencies. As part of this mission, ORM assessed five (5) agencies within the Commonwealth that manage permits and navigate the capabilities available to help improve processes and reduce regulatory burdens. This included process improvement, tracking of permits, centralized data and reporting to help provide the transparency needed to understand permit processes and the steps needed to ensure timely decisions. From this assessment, ORM wants to create a website that displays the status of permits from these agencies, including the necessary infrastructure to gather and host the information from the agencies to power the website, in addition to powering reporting capabilities. VITA and ORM are seeking a vendor partner to implement the citizen facing website and application to display permitting status of Commonwealth agencies using agencies' workflows, data and timeframes for citizen lookup. The solution will be a hybrid cloud architecture; with the application and databases hosted at VITA (QTS) on VMs, and the primary data integration technology - ADF (azure data factory) in the Azure cloud. Permit data will be pulled form 6 pilot agencies. Data will be stored and come from the agencies permitting systems themselves. Phase 1: SEP – DEC: core data (building integrations to get agency data from agencies into VITA) system and citizen user interface. (DEQ, VMRC, Virginia Energy) Phase 2 JAN – JUN: includes agency workflow application. (VDH, VDOT, DCR) Phase 3 JAN – JUN: OGDA database work, and agency level reports using Power BI, plus VITA staff setting up HW and doing database work
TAX VoIP System Upgrade and Maint Project	Virginia Tax is requesting approval to procure hardware and support to upgrade VoIP HW which will reach EOL Feb 2024. Additionally, this approval will allow the agency to procure continued vendor maintenance and support for the agency's VoIP system. The Vendor will provide all services related to the upgrade of the HW. The VoIP system is tax Call Center solution including all telephony and related services. Virginia Tax provides mature and best in class call center operations for support of the administration of Virginia taxes, driven by our technology. Virginia Tax 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. This system has proved superior to other systems in it's ability to efficiently manage and staff the call center and ensure quality compliance of the agent's interactions, while maximizing our workforce efficiencies. This system offers Outbound Predictive Dialing and Post Call Survey, along with advanced Analytics powered by Speech to Text, making the Voice of the Citizens the driver in communications management decisions. Because it offers full control of call scripting and testing, integrated screen pop with Tax's legacy Advantage Revenue Accounting Systems and other applications in Tax's Integrated Revenue Management System (IRMS) has proven effective to quickly adapt to changing Tax Law requirements and the citizens of the Commonwealth of Virginia's needs. Tax has maximized its integrations into it's operational areas with many custom configurations to promote the right agent gets the right call with the right skills to provide first call resolution despite all the complex disparate kinds of paradigms Tax supports. Tax's call center fielded over eight hundred thousand calls last year from Virginia's taxpayers. Tax's call center is mostly homebased, and utilizes both Physical Phones with VPN security, and Softphones as contingency backup with full support on both, allowing workers in severely remote areas with limited internet employment. Virginia Tax looked at other options including Verizon services offered by VITA, but these services are more costly and do not meet critical and mandatory business requirements of the agency. TAX will submit a separate PGR for the purchase of equipment.

Teacher Licensure Project - System Automation	The Office of Licensure and School Leadership has utilized the services of System Automation for a number of years for the teacher licensing software system, MyLicense Office (MLO), in Virginia. During this time, they have deployed several versions and we have migrated to their hosted cloud service. Under an existing contract, they are also developing the system to include a secure online portal for individuals to manage their own license with an integrated payment system. Teachers 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. New SaaS solution to provide a hosted-product and services associated to the development and deployment of a Teacher Licensure product. Thentia is paid by active license, not by user, and school divisions can have access and permissions to manage individual's licenses who are employed with their division. Their system also allows us to verify the legal questions every time a user logs in and does not require a separate upload of a signed document for verification. Thentia also has a highly customizable dashboard for staff end users and licensed users to keep communications in one place and trackable. In addition, as our office takes on more responsibilities and adapts to a more online business environment, our system needs to evolve to be more efficient. For renewal purposes, license holders have to accrue activity points in professional development areas. Rather than manually tracking on paper, we need to be able to allow license holders to track this online and have their divisions access it as well. Also, our office manages an advisory board, which is legislated by the General Assembly and operates under the guidance of the Virginia Board of Education. We currently do not have a system of organizing this advisory board electronically, or one that allows for individuals outside of our agency to access information related to the board that is not publicly posted. Thentia offers an integrated platform in their system to not only handle the licensing process, but also manage information for this advisory board. Lastly, and similarly to the advisory board, Thentia offers an integrated compliance platform that would allow for our Director of Professional Practices to organize investigations and manage actions against licenses. DOE intends to use Thentia as their SaaS solution. DOE has ECOS approval for Thentia. DOE will purchase Thentia on the GSA Schedule No: 47QSWA18D008F.
VA Child Support & Mgmt Process System (vCHAMPS).	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 will end June 2024. VITA is directing agencies to migrate off of the mainframe at the earlier possible date. VDSS plans to retire existing mainframe technology and replace the functionality. There are approximately 450 jobs consisting of 770 programs that make up the mainframe batch schedule and executed from 6pm to 6am every day of the year. The batch application programs perform the processing of; Incoming and outgoing payments, Case management, Order enforcement and Action while interfacing with 36 external entities. These batch processes also interface with internal DSS system such as Family Services and other entities. The project will ensure all the batch jobs are identified and migrated to a new solution. The project will ensure the Software development principles are followed and the functionality is thoroughly tested prior to production use. The project will use industry standard (Agile) project methodology. The project will also seek certification from the federal Office of Child Support Services (OCSS).

VDEM - EOC AV upgrade Project	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. CIO Email: The following Investment Business Case has been submitted for your review and approval as a Strategic Planning entry by ITIMD. The Virginia Department of Emergency Management (VDEM) is planning a project (separate PBA and PGR is CIO approved) with procurement to purchase audiovisual equipment. The current A/V and VTC capabilities at the Virginia Emergency Operations Center (VEOC) are outdated. Many critical components of the existing systems are no longer manufactured and current replacement hardware is through refurbished equipment, if available. The agency is seeking to replace end-of-life hardware and implement current technologies, through the enhancement, replacement, and/or installation of A/V and VTC system solutions at VEOC and the Governor's Situation room. And additional phase will include a network assessment to ensure that sufficient bandwidth is for effective externally hosted communications (WebEx, MS Teams) for stakeholders at the locations and connecting virtually. The agency does not has an approved 20 22 ITSP on file. The agency has no agency head approval on the 22 24 ITSP and has not submitted it; internal review is underway Proponent Agency: VDEM Planned Completion Date: 2022-5-31 Project Cost: $2,250,000 FY22 Mixed Funds, Federal/General
VDEM Prj - Flood Intel Unit Gauges	VDEM continuously strives to improve its readiness by planning for all hazards and improving our statewide response system. We accomplish this by providing training, equipping teams with the best technology, and exercising together as a team comprising local, state, and federal governments; private sector partners; and non-governmental organizations. Recognizing that the Commonwealth's #1 hazard is flooding, VDEM created a brand new Flood Intel Unit with a goal of preventing and reducing the loss of life and property through providing accessible and reliable real-time flood intelligence which will enhance and support planning and risk-based decisions at the state, regional and local level. To directly support that mission, the agency is in the beginning phases of constructing a new statewide flood monitoring network that'll consist of water-level gauges, precipitation sensors and weather stations which will provide real-time hydrologic situational awareness. The ultimate goal of the network of gauges and sensors is that of being RAD (reliable, accurate and dependable) for all stakeholders, and also replace the now defunct Integrated Flood Observation and Warning Network which proved to be unreliable with poor ROI. Each jurisdiction across the Commonwealth will have at least one (1) flood gauge whether it be owned and operated by VDEM, USGS, NOAA or a jurisdiction.
VDOT Smart Portal 2024 PROJ	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).
VeraSmart Project	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.
Veterans Information Management System Project	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.

Virginian Identity Project	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 made available to the Governor's Office and eventually 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 and update the service with identity 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 (IAL1) 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 (Microsoft). 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 users of Governor's Office applications • enhanced security through a single secure solution • cost savings by implementing a single solution instead of individual agenciesy implementing their own • standardization among state agencies around identity management
VSP Transformation Program	VSP has elected to proceed forward with an overhaul of IT infrastructure that is broken out into a two-phase approach.
VSU - WLAN - WIFI PROJECT	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's to come tomorrow.
Web Content Management DXP PROJ	This Project focuses on establishing a new Digital Experience Platform (DxP) to host and manage VDOT's publicly facing websites that are managed by the Communications Division. This is required to eliminate the current VITA hosting of these websites and to address end of contract licensing and end of life for VDOT's current Crown Peak Content Management Platform. A new DxP is required to provide the following: Close security gaps with the latest infrastructure and source code as defined in an ISO (information Security Office) Audit. Enable compliance with Executive Orders 47 and 508 (colors, font sizes, translation, etc.) Support web accessibility by supporting content in other languages Upgrade legacy code Reduce the technical skill needed to maintain, redesign, and enhance websites Provide a Mobile friendly design 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.

Case Management Records Management and Dispatch Sy	This is a re-submission for approval due to increased cost estimates based on better understanding of project requirements. VSP confirms that this project with procurement is in accord with the Chief of Staff April 2, 2020 memorandum, which outlined a number of measures to reduce or eliminate agency spending due to the COVID-19 crisis. VSP also confirms that they attained internal budget approvals necessary to complete this transaction. 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 viable expandable case management and records management system that complies with current and future judicial, federal and Commonwealth laws and statistical reporting. The data contained within a case management and records management system is primarily based upon information furnished through the dispatch call system and sourced criminal record documents and systems from both internal sources and other external law enforcement systems. The replacement solution must be able to accommodate criminal arrest fingerprint-based charge(s),court disposition(s), criminal warrants, seized asset inventory, including secured drug evidence and crime scene investigative results from associated federal and Commonwealth task forces, chain of custody records and standard investigative actions by appropriate Virginia State Police personnel. Several issues exist in the current VSP Dispatch and Case Management environments. Chiefly among them: a) Isolated systems; CAD and LEAMS systems do not currently "talk" to each other causing data to be manually replicated in multiple areas of the application. b) Each system communicates with overlapping secondary systems causing an inefficient business process where data can be entered multiple times, modified and exploited with no specific "System of Record" in place to control data integrity. c) A large portion of the secondary systems associated with either the CAD or LEAMS systems which primarily support other departments and agency operations, actually have duplicate features and functions, including an abundance of manually duplicated data. This causes various departments and operations personnel to either enter data multiple times or search through multiple systems to link agency investigations and criminal activities together in order to solve crimes or report on key agency statistics. .
Coleman Bridge Toll System PROJ	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).
CSOD to Oracle Learning PROJ - ITSP - FY24	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. VDOT's Oracle HCM is SaaS-hosted by Oracle.
DBHDS Incident Management System Project	Installation of a comprehensive human rights information system, replacing CHRIS, PAIRS, and Incident Tracker. DBHDS expects to see cloud solution recommendations among the vendor responses. PAIRS Protection and Advocacy Incident Reporting System. 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.
DBHDS Proj - Enterprise Data Warehouse	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).

DBHDS Revenue Cycle (AVATAR) Replacement Project	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. This project will include an RFP solicitation, vendor selection and then implementation completely replacing the outdated legacy solution.
DHCD Rent Relief Program Project	The Virginia Rent Relief Program (RPP) 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.
eGovernment Self Help Expansion My Virginia TAX	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 to 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).
Electronic Health Record Project	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.

Federal Program Management Application PROJ	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 VDOT will conduct an RFP for a Vendor-hosted SaaS solution integrated with core VDOT systems.
Grants Management (GMS) - Project	The Grants & Contracts Management System project is being implemented on the Salesforce Platform for the purposes of facilitating the application, review, approval and distribution of grants and contracts payments, report on the grant and contract applications, and funds distribution processes. It will enable VDSS to create interactive online applications and forms; collect, manage, and review grant submissions; track progress in real-time; guide DSS staff through review and processing; and support programmatic and financial oversight throughout the entire grant and contract lifecycle.
Offender GPS Tracking System Project	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.
Pavement Maintenance Scheduling PROJ - ITSP - FY24	PMSS is an internally developed application that facilitates the planning of annual statewide pavement contracts. It is used by and impacts various stakeholders including Environmental, Right of Way, Traffic Engineering, Construction, Districts, and Residencies. The system is designed to interface with various other systems including the Pavement Management System (PMS) and the Road Network System (RNS) to facilitate pavement planning, cost estimation, and reporting. PMSS is currently hosted at QTS. PMSS will be rewritten in Azure Technology using Azure webi Application and Azure SQL Database. It will be hosted in the Azure cloud.
PinDrop VITA Service	Implement the VITA Service PinDrop as part of VITA's existing managed service Virtual Contact Center to assist in fraud detection of voice calls. This is being worked as VITA Project PRJ0013583.
Project Tiger Team and Security Enhancements	The VEC has received federal Tiger Team and security funding to enhance the existing Unemployment Insurance system to add functionality for our Administrative Law division and to ease the manual intervention needed for Identity Theft situations. This work will be performed through an existing contract by adding a new scope of work
Replace Automated Inventory Mgmt System (AIMS)	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. This system will replace the limited inventory management capability of the current system "Automated Inventory Management System (AIMS)", although AIMS will remain in use for its asset management capabilities with the Communications division. The main reasons for the replacement are improving remote management capabilities, providing real time inventory reports, and optimizing SKU/stock transactions to provide VSP with real time stock and budget information. None of these features are available with the current system. VSP has submitted a PGR to conduct an RFP for this.

Project	Description
Replace LiveScan System Project	VSP will issue a RFP to procure 40-67 livescans to be located at VSP offices statewide. The livescans 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. For example, livescan system interfaces will be improved to speed up processing. The RFP will include requirements to establish a standard livescan configuration that meets VSP's requirements for all applicable business processes and that can be customized as needed for each installation. This will allow VSP and other public and private user-agencies to more efficiently procure livescan equipment, software and services. The RFP will also require a livescan designated for testing applicable processes and features. A statewide VITA contract managed by VSP will ensure only VSP-authorized livescan equipment, software and services are installed. This is critical since all livescans interface with other VSP systems. VSP also plans to replace most of the existing livescans that interface with VSP. These procurements will be made by each user-agency with user-agency funds when they are ready, but VSP will encourage the replacement of all existing livescans no later than July 1, 2025. Currently there are approximately 745 livescans statewide that interface with VSP systems. The new livescans will support the following business processes: · Adult criminal bookings · Juvenile criminal bookings · Sex offender registrations/reregistration, including photo updates · Applicant background checks · Rap Back (Search/Subscribe and Search/Retain) (scheduled for implementation in 2024) · Correctional bookings · Identification checks The methodology is yet to be determined. Where feasible, the agency would pursue a SaaS solution to keep the application in alignment with the direction that the agency and the commonwealth are going. It's hard to say for sure until the RFP proposals are evaluated.
Subsidy Attendance Application Project	The DOE currently uses a subsidy attendance tracking application provided by a vendor called Conduent. The contract with Conduent will be ending in Feb. 2024 with several extensions possible. The VDOE is wanting to look at the market place for other subsidy attendance tracking applications to replace the current system. DOE will conduct an RFP for a new solution.
Tool Management PM Project	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.
Traffic Monitoring System Replacement PROJ	This request 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

VIIS Software Modernization Project	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.
WIC EBT Project	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.