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 FY21	Total Project Expenditures Federal Fund in FY21	Total Project Expenditures General Fund in FY21	Total Project Expenditures Non General Fund in FY22
Automated Fingerprint Identification System (AFIS)	Active	156	3/2/2021	3/2/2021	6/30/2022	No	$1,878,802.00	$1,878,801.80		$1,864,444.80			$1,100,626.47
BO Reports Migration to Power BI - Project	Active	161	9/24/2021	9/24/2021	9/24/2021	No	$1,860,506.00	$1,860,506.00	$1,860,506.00				
Cardinal HCM Interfaces Project	Active	720	6/10/2020	6/25/2020	5/1/2022	No	$2,158,526.00	$2,158,526.00	$503,132.00			$914,497.00	
Cardinal Statewide HCM	Active	151	8/24/2016	8/24/2016	4/30/2022	No	$42,500,000.00	$131,920,000.00	$111,785,636.15	$32,683,162.00			$19,347,289.00
Crisis Call Center Project	Active	720	8/26/2021	8/26/2021	4/30/2021	No	$16,185,505.00	$16,185,505.00	$16,185,505.00			$5,000,000.00	
CTP Modernization Project	Active	136	6/8/2020	6/8/2020	9/30/2021	No	$903,525.00	$1,661,425.00	$1,853,475.35	$917,710.00			
Data Center Move	Active	136	1/24/2020	1/24/2020	6/1/2022	No	$8,742,750.00	$10,400,233.00	$8,794,137.00	$7,902,831.00			$1,167,100.00
Data Stage Upgrade Project	Active	501	7/1/2021	7/1/2021	5/18/2022	No	$2,593,864.40	$3,560,204.00	$3,560,204.00	$794,167.00			$2,533,834.00
DOCTime - DOCXL and TAL Replacement Project	Active	799	6/12/2020	6/12/2020	11/30/2021	No	$1,441,772.00	$1,441,771.93	$525,513.91			$1,441,772.93	
DOJ - Licensing System	Active	720	11/7/2018	11/7/2018	11/2/2021	No	$2,761,323.00	$3,013,116.00	$3,111,143.42			$251,733.00	
DPOR Systems Replacement - Project	Active	222	2/8/2021	2/8/2021	6/30/2023	No	$7,785,000.00	$7,785,000.00	$7,785,000.00	$515,000.00			$2,740,000.00
Early Intervention Part C Data System (ITOTS)	Active	720	12/12/2019	12/12/2019	6/30/2022	No	$1,650,000.00	$1,650,000.00	$1,650,000.00				$1,650,000.00
Enterprise Electronic Procurement Solution 2019	Active	194	1/27/2021	1/27/2021	7/31/2023	No	$20,252,598.00	$20,252,598.00	$4,984,463.00	$12,568,299.00			$7,684,299.00
Financial Management System Upgrade	Active	182	10/13/2020	10/13/2020	6/30/2022	No	$2,400,000.00	$2,400,000.00	$117,400.00	$1,500,000.00	$1,650,000.00		$500,000.00
Firearms VCheck 2.0	Active	156	4/15/2020	4/15/2020	11/30/2021	No	$4,082,790.00	$6,116,327.00	$4,051,903.07		$774,436.00	$1,266,958.00	
Human Capital Management Cloud Implementation Project	Active	501	5/6/2021	5/6/2021	5/6/2021	No	$5,725,737.80	$5,725,738.00	$5,725,737.97	$327,273.00			$2,163,120.00
Instructional Improvement System Project - 2020	Active	201	11/4/2020	11/4/2020	3/31/2023	No	$1,489,564.00	$3,801,400.00	$503,241.00			$1,489,564.00	
Integrated HIV Care and Prevention Data System-ADA	Active	601	7/30/2020	7/30/2020	6/30/2022	No	$1,408,536.00	$1,408,535.54		$845,205.65			$331,948.15
MES Data Warehouse	Active	602	9/17/2017	12/15/2017	6/30/2022	No	$27,572,362.00	$30,122,862.00	$25,228,089.00		$21,404,842.00	$2,378,316.00	
MES Fee for Service and Core Processing	Active	602	10/13/2017	10/13/2017	10/31/2022	No	$78,132,905.00	$103,353,037.00	$79,029,078.00		$69,038,788.00	$7,670,976.00	
MES Integration	Active	602	10/26/2017	10/26/2017	10/31/2022	No	$26,707,463.00	$35,163,944.00	$23,968,383.00		$25,454,670.00	$2,828,296.00	
Messaging Services 2.0 Project	Active	136	5/25/2021	5/25/2021	11/30/2022	No	$10,162,221.00	$10,162,221.00	$3,290,350.00				$8,565,779.00
Oracle E-Business AR Modules	Active	156	4/2/2020	4/2/2020	2/28/2022	No	$3,237,632.00	$4,334,303.00	$3,625,222.76	$2,463,513.00			$727,141.00
Outsource Call Center Staffing and Telephony	Active	182	9/3/2020	9/3/2020	4/30/2021	No	$5,170,000.00	$5,170,000.00		$2,550,000.00	$2,670,000.00		$2,550,000.00
PROJECT: MAINFRAME 2022 - COIN System	Active	157	4/27/2021	4/27/2021	6/30/2022	No	$1,487,838.00	$1,487,838.00	$1,329,208.57			$651,104.00	
RPP - Enterprise Licensing Solution	Active	765	4/7/2021	4/7/2021	1/12/2022	No	$7,388,282.00	$7,388,282.18	$7,396,666.01	$2,816,000.00		$384,000.00	$2,816,000.00
SMART Portal 2022 Project	Active	501	5/7/2021	5/7/2021	7/31/2023	No	$3,725,914.50	$3,732,652.02	$3,732,652.02				$1,964,100.00
SNAP Knowledge Base	Active	765	5/17/2021	4/30/2021	12/1/2021	No	$1,895,875.00	$1,895,875.00	$1,922,348.00	$669,723.00			
SOR System Replacement	Active	156	8/2/2019	8/2/2019	11/30/2021	No	$1,534,500.00	$1,728,171.66	$391,700.00	$301,000.00			$1,240,505.00
STARS Infrastructure and Subscriber Upgrade	Active	156	7/30/2019	7/30/2019	12/31/2021	No	$132,475,530.00	$132,475,530.00	$19,232,872.00	$47,000,000.00			$40,000,000.00
TRS - New Unclaimed Property SaaS Solution	Active	152	7/15/2021	7/19/2021	7/19/2021	No	$3,300,000.00	$2,125,194.00	$2,125,194.00				
Unemployment Insurance Modernization	Active	182	9/17/2009	9/17/2009	7/6/2021	No	$58,831,331.00	$81,533,031.00	$61,366,307.93	$100,000.00	$3,189,540.49	$2,500,000.00	$200,000.00
VSP Transformation Project	Active	136	1/26/2021	3/17/2021	5/30/2025	No	$44,361,225.00	$44,361,225.00	$1,159,121.76			$1,323,082.00	

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 FY21	Total Project Expenditures Federal Fund in FY21	Total Project Expenditures General Fund in FY21	Total Project Expenditures Non General Fund in FY22
AI-Based System for Incident Management Project	IBC Approval	501	10/1/2021		10/31/2024	No	$9,114,000.00	$9,114,000.00					$1,600,000.00
Body Worn/In Car Cameras - Project	IBC Approval	156	9/1/2021		1/31/2022	No	$23,215,875.00	$23,215,875.00					
Case Management Project	IBC Approval	601	4/22/2021		11/16/2021	No	$1,118,985.60	$1,118,985.60	$2,087,042.60				
Case Management Records Management and Dispatch Sy	IBC Approval	156	5/3/2021		11/1/2022	No	$40,000,000.00	$40,000,000.00					
CBORD Replacement - Statewide Food Service Project	IBC Approval	720	9/1/2021		3/31/2022	No	$2,848,000.00	$2,848,000.00					
Child Support Refactoring Project	IBC Approval	765	10/27/2020		8/1/2022	No	$3,250,000.00	$3,250,000.00		$264,000.00	$726,000.00	$110,000.00	$510,000.00
CRIS - Criminal and RapBack Information System	IBC Approval	156	3/31/2021		6/30/2022	No	$12,567,940.00	$12,567,940.00				$635,300.00	$5,947,500.00
Crossroads Project	IBC Approval	601	12/1/2020		12/1/2021	No	$10,000,000.00	$10,000,000.00		$2,000,000.00			$2,000,000.00
CSB DX (CCS, Little CARS)	IBC Approval	720	4/13/2021		3/31/2023	No	$1,000,000.00	$1,000,000.00					
DBHDS Incident Management System Project	IBC Approval	720	4/13/2021		6/30/2022	No	$5,000,000.00	$5,000,000.00	$2,920,000.00	$3,000,000.00			$500,000.00
DBVI-VIB ERP Implementation (Financials & Mfg)	IBC Approval	262	10/1/2021		6/30/2022	No	$2,400,000.00	$2,400,000.00		$500,000.00			
DHCD Rent Relief Program Project	IBC Approval	165	5/24/2021		5/27/2025	No	$4,000,000.00	$4,000,000.00					$1,000,000.00
Digitize Bridge Inspection Reports Project	IBC Approval	501	9/30/2021		4/15/2022	No	$2,160,000.00	$2,160,000.00		$540,000.00			$1,620,000.00
DWDM Fiber Network Build Project	IBC Approval	501	9/15/2021		12/30/2021	No	$6,261,882.28	$6,261,882.28					$6,261,882.00
eGovernment Self Help Expansion My Virginia TAX	IBC Approval	161	4/28/2021		9/8/2023	No	$2,506,492.00	$2,506,492.00				$1,000,000.00	
Electronic Healthcare Records	IBC Approval	799	4/1/2020		7/13/2022	No	$23,155,336.00	$23,155,336.00				$4,562,269.00	
EO19_DEQ_Aggregate_Rehost	IBC Approval	440	9/30/2020		7/1/2021	No	$1,146,084.47	$1,146,084.47				$1,146,084.47	
EO19_DSS_ADAPT RO (Read Only)	IBC Approval	765	7/1/2019		12/31/2021	No	$1,720,000.00	$1,720,000.00			$1,720,000.00		
EO19_DSS_Automated Program to Enforce Child Support	IBC Approval	765	7/1/2019		12/31/2021	No	$1,720,000.00	$1,720,000.00			$1,720,000.00		
EO19_DSS_Background Investigation System (BIS)	IBC Approval	765	7/1/2019		12/31/2021	No	$1,720,000.00	$1,720,000.00			$1,720,000.00		
EO19_DSS_Central Registry System (CRS)	IBC Approval	765	7/1/2019		12/31/2021	No	$1,720,000.00	$1,720,000.00			$1,720,000.00		
EO19_DSS_Data Warehouse (DW)	IBC Approval	765	7/1/2019		12/31/2021	No	$1,720,000.00	$1,720,000.00			$1,720,000.00		
EO19_DSS_Document Management Imaging System (DMIS)	IBC Approval	765	7/1/2019		12/31/2021	No	$1,720,000.00	$1,720,000.00			$1,720,000.00		
EO19_DSS_Online Automated Services Information	IBC Approval	765	7/1/2019		12/31/2021	No	$1,720,000.00	$1,720,000.00			$1,720,000.00		
EO19_DSS_Systems Partnering in a Demographic	IBC Approval	765	7/1/2019		12/31/2019	No	$1,700,000.00	$1,700,000.00					
EO19_TAX_Aggregate_ReHost	IBC Approval	161	7/29/2019		7/30/2021	No	$1,076,800.00	$1,076,800.00				$1,076,800.00	
EO19_VDH_Aggregate_ReHost	IBC Approval	601	12/1/2019		6/1/2021	No	$3,321,300.00	$3,321,300.00					
EO19_VDH_CHAAMPS_ReHost	IBC Approval	601	12/1/2019		12/1/2021	No	$1,266,000.00	$1,266,000.00					
Hire Vue Interviewing Tool Project	IBC Approval	501	9/15/2021		1/1/2024	No	$3,307,300.00	$3,307,300.00					
Land Use and Outdoor Advertising Permit Processes	IBC Approval	501	10/1/2021		7/1/2021	No	$1,797,276.00	$1,797,276.00		$899,237.00			$898,039.00
Maintenance Management System Project	IBC Approval	799	3/15/2021		8/31/2021	No	$2,750,000.00	$2,750,000.00				$1,648,000.00	
Medicaid Dental Program	IBC Approval	602	9/30/2020		6/30/2021	No	$1,000,000.00	$1,000,000.00		$900,000.00		$100,000.00	
Multimodal Mobility Enhancement DI Project	IBC Approval	501	10/15/2021		9/30/2022	No	$3,200,200.00	$3,200,200.00					$1,000,000.00
OT Service and Asset Management Solution Project	IBC Approval	501	10/15/2021		12/31/2021	No	$1,540,000.00	$1,540,000.00					$1,540,000.00
Pharmaceutical Services	IBC Approval	799	11/16/2020		4/30/2022	No	$46,000,000.00	$46,000,000.00					
Primary Election System - Project	IBC Approval	132	10/26/2020		9/7/2023	No	$28,000,000.00	$28,000,000.00				$8,000,000.00	$10,000,000.00
Replace LiveScan System Project	IBC Approval	156	9/1/2021		6/30/2023	No	$3,550,895.00	$3,550,895.00					
RUMS Replacement Project	IBC Approval	501	10/1/2021		6/30/2023	No	$4,961,100.00	$4,961,100.00		$3,156,480.00			$1,804,620.00
Traffic Monitoring System Replacement Project	IBC Approval	501	11/1/2021		1/1/2024	No	$5,368,200.00	$5,368,200.00					
VDEM - EOC and governor's situation room AV/VTC	IBC Approval	127			5/31/2022	No	$2,250,000.00	$2,250,000.00	$1,605,000.00		$1,550,000.00		
Victims Services Technology Project (formerly Prog	IBC Approval	140	7/29/2020		9/30/2022	No	$1,150,000.00	$1,150,000.00			$1,100,000.00		
Web Content Management DXP Project	IBC Approval	501	9/15/2021		1/1/2024	No	$2,312,900.00	$2,312,900.00					
WIC EBT Project	IBC Approval	601	3/10/2021		12/30/2021	No	$6,000,000.00	$6,000,000.00			$3,000,000.00		

Project Title	Total Project Expenditures Federal Fund in FY22	Total Project Expenditures General Fund in FY22	Total Project Expenditures Non General Fund in FY23	Total Project Expenditures Federal Fund in FY23	Total Project Expenditures General Fund in FY23	Estimated Operating Expenses for FY 1 After Project Completion	Estimated Operating Expenses for FY 2 After Project Completion	Potential Overlap/ Collaborative / Enterprise
Automated Fingerprint Identification System (AFIS)			$1,100,626.47			$266,180.00	$1,863,701.00	N/a
BO Reports Migration to Power BI - Project		$1,395,062.00			$465,444.00	$37,500.00	$37,500.00	N/a
Cardinal HCM Interfaces Project		$706,944.00				$75,000.00	$75,000.00	Collaborative
Cardinal Statewide HCM						$3,300,000.00	$7,000,000.00	Enterprise
Crisis Call Center Project						$2,046,202.00	$2,046,202.00	N/a
CTP Modernization Project						$389,300.00	$389,300.00	Collaborative
Data Center Move						$15,000.00	$15,000.00	Enterprise
Data Stage Upgrade Project			$232,202.00			$225,000.00	$225,000.00	N/a
DOCTime - DOCXL and TAL Replacement Project		$750,000.00			$750,000.00	$25,000.00	$25,000.00	N/a
DOJ - Licensing System						$481,971.00	$481,971.00	N/a
DPOR Systems Replacement - Project			$2,740,000.00			$241,000.00	$241,000.00	Potential for Collaboration
Early Intervention Part C Data System (ITOTS)						$350,000.00	$350,000.00	N/a
Enterprise Electronic Procurement Solution 2019						$16,000,000.00	$16,000,000.00	N/a
Financial Management System Upgrade	$750,000.00					$265,000.00	$265,000.00	N/a
Firearms VCheck 2.0		$2,033,000.00				$134,175.00	$147,392.00	N/a
Human Capital Management Cloud Implementation Project			$1,835,920.00			$624,620.00	$624,620.00	Collaborative
Instructional Improvement System Project - 2020		$2,750,600.00			$837,500.00	$210,000.00	$210,000.00	N/a
Integrated HIV Care and Prevention Data System-ADA			$216,595.83			$108,269.00	$108,269.00	N/a
MES Data Warehouse	$5,705,734.00	$633,970.00				$67,406.00	$67,406.00	N/a
MES Fee for Service and Core Processing	$20,739,994.00	$2,304,444.00		$3,238,952.00	$359,884.00	$30,426,159.00	$30,426,159.00	N/a
MES Integration	$5,347,073.00	$594,119.00		$845,807.00	$93,979.00	$6,172,061.00	$6,172,061.00	N/a
Messaging Services 2.0 Project						$17,646,511.00	$18,023,573.00	Enterprise
Oracle E-Business AR Modules				$8,400.00		$81,932.00	$81,932.00	N/a
Outsource Call Center Staffing and Telephony	$2,500,000.00					$2,500,000.00	$2,500,000.00	N/a
PROJECT: MAINFRAME 2022 - COIN System		$836,734.00				$549,463.00	$739,499.00	Potential for Collaboration
RPP - Enterprise Licensing Solution		$384,000.00				$1,100,000.00	$1,100,000.00	N/a
SMART Portal 2022 Project			$1,964,100.00			$20,000.00	$20,000.00	N/a
SNAP Knowledge Base		$545,000.00				$551,291.00	$551,291.00	N/a
SOR System Replacement						$15,000.00	$15,000.00	N/a
STARS Infrastructure and Subscriber Upgrade			$12,475,530.00			$9,707,235.00	$9,998,452.00	N/a
TRS - New Unclaimed Property SaaS Solution						$505,579.00	$505,579.00	N/a
Unemployment Insurance Modernization	$4,233,789.82	$2,500,000.00	$710,000.00	$1,200,170.00		$1,625,000.00	$1,625,000.00	N/a
VSP Transformation Project		$5,289,352.00			$7,178,164.00	$25,000.00	$25,000.00	N/a

Project Title	Total Project Expenditures Federal Fund in FY22	Total Project Expenditures General Fund in FY22	Total Project Expenditures Non General Fund in FY23	Total Project Expenditures Federal Fund in FY23	Total Project Expenditures General Fund in FY23	Estimated Operating Expenses for FY 1 After Project Completion	Estimated Operating Expenses for FY 2 After Project Completion	Potential Overlap/ Collaborative / Enterprise
AI-Based System for Incident Management Project			$4,000,000.00			N/a	N/a	N/a
Body Worn/In Car Cameras - Project		$23,215,875.00				N/a	N/a	N/a
Case Management Project						N/a	N/a	N/a
Case Management Records Management and Dispatch Sy		$25,000,000.00			$8,000,000.00	N/a	N/a	Potential for Collaboration
CBORD Replacement - Statewide Food Service Project		$2,848,000.00				N/a	N/a	N/a
Child Support Refactoring Project	$1,402,500.00	$212,500.00	$1,462,499.55		$162,499.95	N/a	N/a	N/a
CRIS - Criminal and RapBack Information System		$907,300.00	$1,144,704.00		$66,640.00	N/a	N/a	N/a
Crossroads Project			$2,000,000.00			N/a	N/a	N/a
CSB DX (CCS, Little CARS)		$500,000.00			$500,000.00	N/a	N/a	N/a
DBHDS Incident Management System Project			$500,000.00			N/a	N/a	N/a
DBVI-VIB ERP Implementation (Financials & Mfg)						N/a	N/a	N/a
DHCD Rent Relief Program Project			$1,000,000.00			N/a	N/a	N/a
Digitize Bridge Inspection Reports Project						N/a	N/a	N/a
DWDM Fiber Network Build Project						N/a	N/a	N/a
eGovernment Self Help Expansion My Virginia TAX		$1,000,000.00			$506,492.00	N/a	N/a	N/a
Electronic Healthcare Records						N/a	N/a	Potential for Collaboration
EO19_DEQ_Aggregate_Rehost						N/a	N/a	N/a
EO19_DSS_ADAPT RO (Read Only)						N/a	N/a	N/a
EO19_DSS_Automated Program to Enforce Child Support						N/a	N/a	N/a
EO19_DSS_Background Investigation System (BIS)		$1,720,000.00				N/a	N/a	N/a
EO19_DSS_Central Registry System (CRS)		$1,720,000.00				N/a	N/a	N/a
EO19_DSS_Data Warehouse (DW)		$1,720,000.00				N/a	N/a	N/a
EO19_DSS_Document Management Imaging System (DMIS)		$1,720,000.00				N/a	N/a	N/a
EO19_DSS_Online Automated Services Information		$1,720,000.00				N/a	N/a	N/a
EO19_DSS_Systems Partnering in a Demographic						N/a	N/a	N/a
EO19_TAX_Aggregate_ReHost						N/a	N/a	N/a
EO19_VDH_Aggregate_ReHost						N/a	N/a	N/a
EO19_VDH_CHAAMPS_ReHost						N/a	N/a	N/a
Hire Vue Interviewing Tool Project			$1,153,700.00			N/a	N/a	N/a
Land Use and Outdoor Advertising Permit Processes						N/a	N/a	Potential for Collaboration
Maintenance Management System Project		$284,000.00				N/a	N/a	N/a
Medicaid Dental Program						N/a	N/a	N/a
Multimodal Mobility Enhancement DI Project			$1,700,000.00			N/a	N/a	N/a
OT Service and Asset Management Solution Project						N/a	N/a	N/a
Pharmaceutical Services		$10,000,000.00			$9,000,000.00	N/a	N/a	N/a
Primary Election System - Project		$2,000,000.00			$10,000,000.00	N/a	N/a	N/a
Replace LiveScan System Project		$1,396,554.00			$2,154,341.00	N/a	N/a	N/a
RUMS Replacement Project						N/a	N/a	N/a
Traffic Monitoring System Replacement Project						N/a	N/a	N/a
VDEM - EOC and governor's situation room AV/VTC		$700,000.00				N/a	N/a	N/a
Victims Services Technology Project (formerly Prog						N/a	N/a	N/a
Web Content Management DXP Project			$2,312,900.00			N/a	N/a	N/a
WIC EBT Project	$3,000,000.00					N/a	N/a	N/a

Project	Description
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. VSP is proposing a seven-year contract with NEC with two optional four-year extensions that will address the high-level requirements listed in Stakeholder Requirements below. A primary objective for the AFIS upgrade is to minimize the impact on systems that interface with AFIS, which is similar to the approach VSP has successfully used for prior upgrades. This approach reduces costs and risks, and clearly defines NEC's project role and responsibilities to achieve a successful outcome.
BO Reports Migration to Power BI - Project	Virginia Tax is seeking approval to secure resources to migrate business objects reports to power BI. Power BI's robust features and capabilities directly align with the Commonwealth's and the Agency's strategic objective to empower users to utilize data to make sound business decisions. Virginia Tax will utilize professional services via staff augmentation to migrate 650 Business objects reports to Power BI. Note: PowerBI product is a VITA approved offering and is part of the Microsoft suite. Demetrias Rodgers or Jamey Stone provided all details. This is a state approved contract and is EO19 compliant. All TAX servers are VMs at QTS.
Cardinal HCM Interfaces Project	Cardinal will replace several legacy HCM systems that DBHDS currently uses on a daily basis. DBHDS will need to secure contracts with vendors to design, build, test, interfaces and support DBHDS through the Cardinal HCM testing phase and ultimate deployment. The interfaces will be: 1. DBHDS Kronos Timekeeping/Payroll File upload to Cardinal HCM module. 2. Cardinal HCM module extract to DBHDS FMS system. 3. Cardinal HCM module Employee and Position data extracts to DBHDS HOPS system. In addition, Kronos will need to be reconfigured in order to capture Cardinal-specific timekeeping and payroll information. This will require that all pay and work rules (650+, in total) be changed and an extensive quality assurance and user acceptance testing (UAT) effort completed. Though much of the configuration can be completed by the current DBHDS Kronos System Administrator, she will require support for the creation of a detailed test plan, test cases for each pay and work rule, and tracking and execution of the UAT effort across 14 DBHDS facilities. The Cardinal HCM interface testing phase will begin in September of 2020 and run through the end of December 2020. All DBHDS interfaces must be built and unit tested by August 2020. The Kronos reconfiguration effort must be completed by August 2020, as well. Additional work will need to be completed on an inflexible schedule set by the Cardinal HCM Project team – i.e. HR data cleanup, attending workshops, gathering and providing information, testing, attending train the trainer sessions, etc. These activities need someone to coordinate and guarantee the appropriate subject matter experts are engaged, and that the information is gathered and returned within these tight deadlines. End-user role-based Cardinal HCM Training will need to be coordinated across Central Office and the 14 Assembled Facilities for nearly all DBHDS employees.

Cardinal Statewide HCM	Cardinal will replace the antiquated, mainframe CIPPS application with the necessary PeopleSoft HCM modules. PeopleSoft v9.2 modules that will be implemented are Payroll for North America, Time and Attendance, Absence Management and HR (limited) and Base Benefits (limited) to support payroll business processes. A planning phase was conducted beginning in March 2015 to define requirements, conduct a fit-gap assessment using the PeopleSoft HCM software, and estimate the implementation scope - cost, schedule and resources required to implement a modern payroll system and supporting business processes for the Commonwealth. The project will have full analyze, design, build, test and deploy phases of work. There will be comprehensive change management program in place to address the business process and interface impacts facing the agencies. The software will be deployed in two releases, where Release 1 will be rolled out to ~25% of the user base and Release 2 will be the remaining users. The new payroll system will be supported by the existing hardware and supporting infrastructure that Cardinal Financials resides on. These components will have been updated to current versions by March 2017, so no new procurements are required as a result of the payroll project.
Crisis Call Center Project	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.
CTP Modernization Project	The project will provide a replacement for the Commonwealth Technology Portfolio tool, hereafter known as CTP Modernization Project to the Commonwealth of Virginia ("Commonwealth") and all public bodies as defined by § 2.2-4301 and referenced by § 2.2-4304 and § 2.2-2012 of the Code of Virginia ("Code"), and private institutions of higher education that are listed at: http://www.cicv.org/Our-Colleges/Profiles.aspx. An RFP was utilized to obtain current market data to assist VITA in determining the most efficient way to meet the requirements of this project. The Virginia Information Technologies Agency ("VITA"), on behalf of the Commonwealth, will implement a COTS solution that will provide for a more economical, maintainable, and scalable cloud solution that complies with the Governor's Executive Order Number Nineteen (2018); summarized the order requires agencies to adopt a model for evaluating and incorporating cloud service where appropriate to support Information Technology (IT) services to: -Speed up delivery of business solutions through faster paths to production; -Provide flexible solutions capable of quickly adapting to new and changing business solutions; -Reduce operations and maintenance requirements for basic needs such as power and space; -Provide transparency so that customers are more aware of what they get for their money; -Provide service elasticity to support increased citizen needs at peak times; and -Provide a structure that allows for a more resilient environment in the case of disaster or service outage.

Data Center Move	The Chesterfield Enterprise Solutions Center (CESC) Data Center Move consists of three major efforts (sub-programs) contained within: (1) Executive Order 19 (EO 19) subprogram effort where physical assets (i.e., servers housing agency application(s)) are virtualized where possible; this EO 19 effort is coordinated by VITA, and has many separate agency projects, (2) the Virtualize subprogram is the effort where individual service towers (i.e., Managed Security, Network, etc.) have their respective software applications virtualized; and (3) the Physical Move subprogram where applications that have not been virtualized or cannot currently be virtualized are physically moved out of CESC to a new data center. The focus of this project is on the Physical Move subprogram. Any IT infrastructure and assets that are located in the CESC data center and will continue to serve a useful purpose after the project completion deadline will be physically moved to the new data center. Any IT infrastructure and assets that are no longer needed will be physically removed from the CESC data center in preparation for the return of the building to the property owner. The scope of work for this project is to physically move the infrastructure supporting applications that cannot be virtualized to a new data center. This infrastructure may be supporting agencies, Service Tower Suppliers (STSs), and one or more projects or Requests for Service. There are three identified levels of involvement for the STSs: No involvement – does not have anything in the CESC data center, will not have anything in a new data center, and does not touch anything in either location. Minor involvement – has at a minimum one or more applications in or touching the existing data center or will touch a new data center. Major involvement – has significant infrastructure, applications, integration in the existing as well as a new data center. The STSs are categorized as follows: ATOS – major involvement Iron Bow – minor involvement Perspecta – minor involvement Tempus Nova – minor involvement Unisys – major involvement
Data Stage Upgrade Project	This project will upgrade the DataStage technology platform to the version 11.7. DataStage is used to create and manage integrations using Extract, Load and Transform (ETL) processes. The version upgrade will include upgraded infrastructure. The project will also implement the IBM Infosphere Information Governance Catalog (IGC). This software is used to manage data across the enterprise by tracking where and how it is used in integrations. This will enable improved data management at VDOT. The upgrade of DataStage will be performed by Triad, the vendor supporting DataStage, to include installing the upgraded software, modernizing scripts as needed to be compliant with the new version, and unit testing. VDOT will support the vendor with implementation of infrastructure, subject matter expertise regarding VDOT assets, system engineering, database administration, system integration testing, acceptance testing and modernization of a small number of scripts with deprecated features that take them out of scope for the Vendor. The implementation of the IGC will be performed by the Vendor to include installing the software, configuring it based on VDOT requirements, and importing VDOT assets into the catalog. VDOT will support the Vendor with implementation of infrastructure, subject matter expertise of VDOT assets, system engineering, database administration and acceptance testing.

DOCTime - DOCXL and TAL Replacement Project	The overall process for time tracking and attendance, scheduling, and leave management is manual and paper-based often resulting in incorrect time calculations and annual leave compliance issues. Different institutions have different processes for capturing arrival and departure times, which leads to inconsistent policy compliance. Significant time is spent auditing, tracking errors and correcting errors by local HR personnel and supervisors as well as HQ payroll personnel. There are repeated complaints about the length of time it takes employees to receive overtime pay since it can take multiple pay cycles before they receive it. The delays occur due to the number of manual steps for reporting and paying overtime. DOCXL and the overall manual process, designed as a temporary measure, is still in place after 12 years. Correcting these issues is of vital importance for VADOC. A new system allows VADOC to: 1. Replace two divergent time, attendance, scheduling and leave systems with one that can interface with the new Commonwealth of Virginia (COV) payroll system (Cardinal) 2. Improve visibility into the operational health of the department a. Implement dashboard reporting for management b. Apply policies and procedures uniformly c. Eliminate time consuming manual processes d. Reduce report preparation time 3. Further the focus on employee retention a. Pay overtime in a timely manner b. Implement employee self-service c. Enable equitable distribution of overtime 4. Better manage employee scheduling a. Use overtime economically b. Optimize the staffing model c. Facilitate faster, easier roster approval In addition, the lack of automation for time, attendance, leave, and scheduling has a significant impact on VADOC as the Commonwealth of Virginia (COV) moves to a new payroll system – Cardinal Payroll. Due to the manual nature of the process and therudimentary capabilities of DOCXL, VADOC cannot interface DOCXL to Cardinal Payroll. VADOC must use the Cardinal Time and Attendance Module, which does not meet the needs of the department since it cannot manage 28 day cycles or atypical cycles nor does it manage shifts that cover 24 hours a day, seven days a week, and 365 days a year. If DOCXL remains the time and leave system for VADOC institutions, Timekeepers will have to enter daily roster data into both DOCXL and Cardinal. This dual manual entry of data means a significant increase in work for Timekeepers and the need for additional hiring of personnel to support the Timekeepers. Dual manual entry may also lead to increased errors resulting in over or under payroll payments.
DOJ - Licensing System	Under the terms of the federal Department of Justice settlement agreement, the Department of Behavioral Health and Developmental Services (DBHDS) must collect and report data relating to compliance with the agreement. DBHDS must purchase or develop a licensing system for the storage, aggregation, and reporting of this data.
DPOR Systems Replacement - Project	The Department of Professional and Occupational Regulation is initiating a project to procure a new licensing system using the state System Automation contract. The system has the ability to accept and process online applications (including renewals) and online payments. The system will replace the current licensing system (EAGLES) as well as integrate licensing data with document management and enforcement case management data. 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.
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).
Enterprise Electronic Procurement Solution 2019	Project will support the implementation resulting from the competitive procurement (RFP) of an Enterprise Electronic Procurement Solution. Current eVA contract ends 12/31/2021. Estimated Project Costs include DGS staff, IV&V, SEC525, ECOS, data transition and conversion, organizational change management and project management, RFP estimates, and a 10% contingency.
Financial Management System Upgrade	Upgrade VEC's Oracle E-Business Suite application to a newer version. This also involves upgrading the underlying Oracle database version. Work to be done by contractor and will be hosted within VITA's Oracle Cloud Infrastructure.
Firearms VCheck 2.0	The Virginia State Police Firearms Transaction Center (FTC) certifies that all records of persons denied the purchase of a firearm(s) due to the misdemeanor crime of domestic violence (MCDV) are already submitted to the National Instant Criminal Background Check System (NICS). In 2017, the FTC directly entered 487 domestic violence records in to the NICS Indices, and have entered 180 in 2018. Currently, Virginia maintains 1,356 records in the NICS Indices under the prohibiting category of MCDV. This project will upgrade the existing Firearms VCHECK Criminal Background Check System in the following ways: · Upgrade information and identification technologies for firearms eligibility determinations. · Supply accurate and timely information to the Attorney General concerning the identity of persons who have a federally prohibiting mental health adjudication or commitment. · Create electronic systems that provide accurate and up-to-date information directly related to checks under the NICS, including court disposition and corrections records. · Supply accurate and timely information to the Attorney General concerning final dispositions of criminal records to databases accessed by NICS. · Supply accurate and timely court orders and records of misdemeanor crimes of domestic violence for inclusion in federal and state law enforcement databases used to conduct NICS background checks. · Supply accurate and timely records of federal firearms disqualifications for inclusion in federal and state law enforcement databases used to conduct NICS background checks. The project shall be developed in-house. The project shall be funded by a (NICS Act Record Improvement Program (NARIP) gran, as well as General Funds. The grant has been modified and extended through 2020. The project ensures the application complies with EO 19. (28.1.4 Executive Order Number 19 (2018), Cloud Service Utilization and Readiness, directs VITAto develop governance documents in support of the Order's cloud approach that addresses requirements for evaluating new and existing IT for cloud readiness.)

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 - 2020	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.
Integrated HIV Care and Prevention Data System-ADA	The purpose of this project is to develop and implement an integrated HIV Care and Prevention Data System to manage all data related to the Ryan White Care Program, including the AIDS Drug Assistance Program (ADAP), HIV Care Services, and the HIV Prevention Program.
MES Data Warehouse	The data warehouse solution will provide the DMAS Agency with the ability to accomplish improved business operations through data integration, creation of data quality standards, data and business process documentation, creation of a repeatable framework, and increased security.
MES Fee for Service and Core Processing	The MES Modular Core Services Solution (MCSS) addresses many of the business requirements that will comprise the MES solution, as mandated by CMS through the MITA 3.0 Framework. The MES Fee-for-Service and Core Processing RFP is required to replace and transform the system and services provided in the current MMIS contract. The specific requirement is to acquire a solution that is consistent with the MITA 3.0 Framework and addresses the needs of several business areas. The associated RFP will present the requirements with the expectation that vendor solutions will integrate existing software components that require little or no development and where the development and implementation of business requirements is primarily configuration and testing.
MES Integration	This is a component project within the DMAS MES Program. The purpose of the ISS project is to contract with a contractor who will provide a solution that will provision a self-contained, SOA-based communication broker, which provides several functionalities. The solution will serve as a hub to integrate various modules that will be implemented under each of the projects listed below. In addition the ISS project will provision a Single Sign On (SSO) and Identity Management solution for the Agency.
Messaging Services 2.0 Project	Provide Messaging services for the commonwealth. The project will manage the transition of the existing GSuite platform to the new supplier. The project will also manage the new supplier in creating a new service offering of Microsoft 365 and will transition at least three (3) pilot agencies from GSuite to Microsoft 365. The initial term of the contract is 5 years, with three optional 1-year renewals for a total of 8 years. The project will be complete when VITA has transitioned to ongoing Operations and Support mode with the winning supplier, the contract requirements have been validated and the pilot agencies migrated.

Oracle E-Business AR Modules	The eBilling project will implement the Accounts Receivable and iReceivables modules of the Oracle E-Business Suite (OEBS) financial systems. The Oracle Financial solution is already an existing solution at VSP with the OEBS Accounts Payable, General Ledger, Purchase Order and HR modules all in service for an extended period. The Accounts Receivable department at VSP has been overwhelmed with an extensive level of manual processes and workflows causing an over extension of resources, which is placing a significant impact on audit results for far too long. The audit issues are on the border of becoming significant control weaknesses due to the large dependencies on excel workbooks, over 40 separate workflows, with limited number of resources to effectively manage the volume of receivable transactions. Automating the department by implementing the Oracle AR module will allow significant control and industry standardization to be added to the agency. The project will have a priority focus Change Management as a primary deliverable to ensure all identified stakeholders are engaged and planning for all of the changes inherent in this level of transformation from an intensely manual process to an automated systemic approach. Change management will have a significant focus on the physical changes to department and agency policies, procedures and guidelines from project start to finished implementation. This project will provide an additional payment processing options in the form of accepting electronic payments. Currently, cash (checks, cash...etc.) are a major portion of the accepted funding methods which require extensive resource handling to process. VSP has a significant interaction with the State Treasury as well in order to process inter-agency payments and reconciliation. Credit card transactions are limited and require manual authorization and processing contributing to the overall resource and processing constraints within P&F and other VSP departments.The focus on electronic payments is directly tied to some of the APA/ARMICS related findings around cash management and the requirement that cash be collected and reconciled in a specific amount of time. Current processing of transactions across the agency make it difficult to manually transact cash payments in a timely manner. Transitioning to a direct acceptance of electronic forms of payment, including credit cards and ACH (electronic checks) from, external agency account holders and customers of VSP products and services will have a positive impact on long-term agency audit issues. The project will have five major "Epics" (Agile) or phases: 1) Core accounts receivable foundation - Focuses on the design and implementation of the core AR system and transitioning the accounts receivable department into using the new systems. This will be a significant portion of the project to include the functional system requirements, installation, configuration, customization and a significant focus on rewriting department (agency) policies, procedures and guidelines impacting the agency as a whole as well as interfacing electronically with other state agencies such as the state treasury to automate the bank reconciliation processes. 2) Electronic Payment processing - Will focus on delivering the electronic payment processing component of the project which is being modeled after the electronic payment efforts by the Department of Motor Vehicles. DMV is using the same Oracle platform and Elavon end state credit card processing being planned for the eBilling project. 3) Internal VSP System Integration - There are currently three internal business systems using a legacy billing system that provides basic invoicing functionality just for those three separate systems. There is a fourth system being installed which provides its own internal billing and payment processing. However the primary goal of the eBilling project is to replace all invoicing and payment processing in u; at VSP with the centralized billing functionality enabled through the Oracle (OEBS) Accounts Receivable and iReceivables modules. The third Epic (Phase) will integrate each of the four internal systems to the core OEBS AR infrastructure allowing
Outsource Call Center Staffing and Telephony	The VEC will outsource call center staffing which services will be provided at the suppliers site. This will result in the supplier needing to provide telephony infrastructure in order for their team members to make and receive calls on behalf of the VEC. This may replace existing suppliers who are providing this function.
PROJECT: MAINFRAME 2022 - COIN System	Project to "Refactor" the COIN system (to convert the current mainframe COBOL/DB2/CICS program code to C#/SQL Server), in order to migrate to servers located at he QTS datacenter.
RPP - Enterprise Licensing Solution	?Division of Licensing Programs Help and Information Network(DOLPHIN) is the current application that VDSS Licensing Programs uses to conduct inspections and track licensure case load and stats for Adults, 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. The new application will utilize the Salesforce - Low Code or No Code Application Platform (LCAP).?

SMART Portal 2022 Project	The scope of this project is to deliver new and enhanced functionality within the SMART Portal web application allowing for program pre-application submission, new application submission to multiple programs, enhancements to the validation/screening/ scoring processes, and improving the user interface to update decisions online.
SNAP Knowledge Base	VDSS to configure the Salesforce platform to include knowledge management for use by the LDSS and VDSS staff to search for answers to frequently asked questions and lookup procedures, policies, and quick reference guide materials; a Chabot that can refer workers to answers or reference materials to help with common support requests; a live agent chat that can address support requests that are not answered by the Chat-bot a learning platform using Salesforce my Trailhead to organize online learning content into modules (courses) and trails (curriculums) that can be assigned to workers with completion progress tracked; SCAR to help reduce error rates in case processing; and a SNAP Calculator to determine SNAP allotment
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:  

TRS - New Unclaimed Property SaaS Solution Project	This Project (RFP) is to replace the current Treasury Unclaimed Property system (TUPS) with a commercial off the shelf (COTS) abandoned property system or provide funding to make needed enhancements to the current system. Treasury's Division of Unclaimed Property (UCP) is responsible for the administration of the Unclaimed Property Act, a consumer protection law that protects the property rights of absentee owners. The Division received more than 11,000 holder reports and added more than 1.3 million new owners to the owner database in FY2019. The Division received more than $254 million and 10.4 million security shares as unclaimed property remittances. It is the Division's primary mission to reunite property reported by holders after a period of inactivity with its rightful owner. The total dollar value of claims paid to owners in FY19 was $87.1 million for 28,000 claims covering more than 130,000 asset accounts. The Division also accounts for a securities portfolio of stocks, bonds, and mutual funds of $320 million. Currently, UCP uses TUPS as its unclaimed property database solution along with integrated document management software called PaperVision and its Workflow solution. Treasury also maintains a 24/7 public-facing searchable database on the web called Click and Claim that is integrated with TUPS. TUPS and Click and Claim were developed in-house and PaperVision with Workflow is a purchased software application that was selected and programmed to use with TUPS. TUPS consists of modules for processing holder and owner information, a claims module, a securities module and an outreach module. There are several updates needed for the TUPS system to provide necessary business functionality. In addition, the Click and Claim searchable database needs a significant rewrite. These updates have not been completed because of the lack of manpower. Treasury is pursuing a next generation unclaimed property management cloud-based third party solution.
Unemployment Insurance Modernization	The modernization of the Unemployment Insurance System is a major initiative for the VEC in the Agency Strategic Plan. This client/server system will replace the VEC's decades-old IBM-mainframe Benefits, Tax, and Wage systems. Agency stakeholders for this IT Investment include the VEC Commissioner, VEC Assistant Commissioner for Field Operations, the VEC Chief of Benefits, the VEC Chief of TAX, the VEC Director of the Customer Contact Center, the VEC IT Director, and the IT Project Manager. These stakeholders will have direct leadership and governance responsibilities for the Investment. Customer stakeholders include employers of the Commonwealth as well as individual citizens who require support from the Unemployment Insurance program. Input from these stakeholders was analyzed and documented through research performed by Peer Insight and will be further monitored through the use of surveys.
VSP Transformation Project	VSP has elected to proceed forward with an overhaul of IT infrastructure that is broken out into a two-phase approach.

AI-Based System for Incident Management Project	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 SaaS 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.:
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 AXON under the existing NASPO contract (NASPO MA# OK-MA-145-015).
Case Management Project	The Office of Epidemiology (OEPI) has an immediate need to implement a Case Management system in support of field staff who are responding to COVID-19 case investigation and contact tracing activities. The staff need a standardized, efficient, and supported way to manage the associated workflows, track real-time status of case assignment and contact attempts, support smooth hand-offs and documentation of action, and coordination of assignments across large and largely virtual teams. This tool needs to sit on top of VEDSS to enhance the staff's ability to assign from work queues, search contact attempts and interview status, and facilitate efficient and effective workflow support - ideally for COVID-19 and beyond. The proposed name for this system is Virginia Case Assessment and Management System (VCAMS). Procurements for this project included Microsoft services and software licenses and cost of VITA to set up the environments. The tool set is MS Dynamics, the service is Dataverse and it is hosted in the VITA MSDynamics Cloud environment so it is EO19 compliant.

Case Management Records Management and Dispatch System	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. .
CBORD Replacement - Statewide Food Service Project	The purpose of this system is to assist in the management and control of food service operations throughout DBHDS including but not limited to state-of-the-art provision of food and diet preparation, nutritional analysis, menu planning, preparation of tray tickets and inventory control. The proposed system shall provide information necessary to comply with the standards and regulatory requirements.
Child Support Refactoring Project	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 batch functionality of DCSE application APECS currently run on mainframe using programming languages COBOL and JCL The current VITA's mainframe contract with Prespecta end June 2nd 2022. VITA is encouraging agencies to migrate off of mainframe at the earlier possible. VDSS plans to retire existing mainframe technology and replace the functionality with a Windows-based server environment by December 2022. 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 server based environment 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 recertification from the federal Office of Child Support Enforcement (OCSE). The Mainframe batch migration is expected to be performed by a vendor. The vendor is expected to be selected by RFP process.
CRIS - Criminal and RapBack Information System	The Virginia State Police is seeking an integrated, cloud-hosted, browser-based, software as a service solution (SAAS) for, computerized criminal history, applicant tracking, master name index, civil commitment orders that provides for integration with the Alternate National Fingerprint File (A-NFF), integration with the criminal justice information network message switch, including interfaces to criminal justice users, the International Justice and Public Safety Network, the National Crime Information Center, and state criminal justice repositories/hotfiles, adoption of standardized XML formats for the exchange of data among agencies, event-based rap back subscription capability, replacement of the current master name index, which is at end of life, improved arrest, disposition, juvenile, mental health, and expungement data integration with the courts and Department of Corrections, timely responses to criminal and applicant inquiries.
Crossroads Project	Software maintenance and enhancement services to the Crossroads Users Group for the Crossroads application software.

CSB DX (CCS, Little CARS)	Currently, DBHDS partners with 39 community service boards (CSBs) and 1 Behavioral Health Authority (BHA), both types having specific sections in the Virginia Code, to deliver mental health, substance use disorder, and developmental disability services and state facility to community transition services to individuals in the Commonwealth. In order to support ongoing provided program services, DHBDS obtains Federal and State funds to allocate to CSBs every fiscal year. CSBs also obtain local and other funding sources to support these operations. Continued funding from the various sources requires tracking and reporting back of funding use that entails data around what and how services were provided, associated performance-based outcomes, and the respective, associated financials (costs, expenditures, etc.). There are multiple streams of data, processes, and information exchanged between the partner entities that are in need of consolidation and integration and a modern, adaptable, interoperable, streamlined method of exchange. We are expecting this to be a "Cloud" Soution. We will not know more until we get through the RFP process.
DBHDS Incident Management System Project	Installation of a comprehensive human rights information system, replacing CHRIS, PAIRS, and Inncident 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.

| 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 |
| 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.
In addition to the software to manage the program the agency also is in need of hiring contracted staff to manage a call center, review applications and process payments for the program. |

Digitize Bridge Inspection Reports Project	VDOT's Structure and Bridge Division requires a modern automated inspection software tool that efficiently captures data, automates workflows, integrates data across systems, and accelerates the development of reports and analysis. The proposed solution will need to automate scheduling and the workflow requirements to include electronic notifications of inspections, which are sent to the bridge inspection managers and their field staff, who conduct the actual inspections and produce the initial reports. Electronic notifications are configurable and use email or other routing solutions to notify one or more inspectors and/or supervisors that an inspection is due. A configurable dashboard is required to maintain and display pending inspections, completed inspections, pending inspection reports, completed inspection reports and assignments so that the managers at the district and central office levels can drill down and gain a perspective of the work to be accomplished, completed work, and associated comments or issues. The proposed solution will need to eliminate report creation, storage challenges by automating the process for report generation, providing cloud storage, and providing a scheduling, and tracking system as well as functionality identified in the Request for Proposal (RFP). The solution will need to provide the ability to receive and store up to five structure inspection reports for each asset (~80,000 reports) for recall within 60 days of startup. Complete transition of all such reports within 120 days of contract award. There is also a need to balance data retention and data privacy issues between the COV managed BrM system and the provider developed DBIR system, to allow for certain data elements to be retained by each system based on COV data governance requirements. This would make the control of data elements adjustable by senior managers in VDOT's Structure and Bridge Division. Continuous and/or periodic (daily) synchronization of data that is contained in both the DBIR and BrM databases will also be required. Lastly, VDOT requires the ability to adjust DBIR data elements and values as necessary to support changes in data elements at the Federal Highway Agency.
DWDM Fiber Network Build Project	VDOT is implementing Dense Wave Division Multiplexing technology to connect VDOT fiber in a statewide Operations Technology network.
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 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.
EO19_DEQ_Aggregate_Rehost	This project is part of Executive Order 19 and will re-host 17 DEQ applications.
EO19_DSS_ADAPT RO (Read Only)	This project is part of Executive Order 19 and will re-host the ADAPT application.
EO19_DSS_Automated Program to Enforce Child Suppor	This project is part of Executive Order 19 and will re-host the DSS Automated Program to Enforce Child Support application.
EO19_DSS_Background Investigation System (BIS)	This project is part of Executive Order 19 and will re-host the DSS Background Investigation System (BIS) application.
EO19_DSS_Central Registry System (CRS)	This project is part of Executive Order 19 and will re-host the DSS Central Registry System (CRS) application.
EO19_DSS_Data Warehouse (DW)	This project is part of Executive Order 19 and will re-host the DSS Data Warehouse (DW) application.
EO19_DSS_Document Management Imaging System (DMIS)	This project is part of Executive Order 19 and will re-host the DSS Document Management Imaging System (DMIS) application.
EO19_DSS_Online Automated Services Information Sys	This project is part of Executive Order 19 and will re-host the DSS Online Automated Services Information System (OASIS) application.
EO19_DSS_Systems Partnering in a Demographic Repos	This project is part of Executive Order 19 and will re-host the DSS Demographic Repository
EO19_TAX_Aggregate_ReHost	This project is part of Executive Order 19 and will re-host 19 TAX applications.

EO19_VDH_Aggregate_ReHost	This project is part of Executive Order 19 and will re-host 38 VDH applications.
EO19_VDH_CHAAMPS_ReHost	This project is part of Executive Order 19 and will re-host the VDH Child and Adult Application & Meal Payment System (CHAAMPS) application.
Hire Vue Interviewing Tool Project	Hire Vue is a Video Interviewing Tool which will allow potential candidates to submit a one-way video to the interviewing panel which contains their answers to pre-selected interview questions. HireVue enables a faster, fairer, friendlier hiring experience for hiring teams and candidates alike. The software integrates with market-leading ATS and calendar systems to streamline the most tedious and time-consuming hiring activities with conversational ai, video interviewing, assessments, and automated scheduling. On one platform, to solve hiring challenges, from time to hire to new hire diversity to candidate experience.
Land Use and Outdoor Advertising Permit Processes	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.
Maintenance Management System Project	The Virginia Department of Corrections (VADOC) currently uses a maintenance management system to maintain the agency's preventive and corrective maintenance program. The system tracks maintenance performed on VADOC facilities, equipment, and vehicles. It also measures corrective and preventive maintenance performance based on the agency's standards established and governed by the VADOC Governance Council. Additionally, it is used to manage material and supply inventories and the agency's weapons inventory. The Agency is seeking to enter into a 5 year contract for approximately $2.5M, this new contract will replace the existing maintenance management system contract DOC-15-038 that expires March 31, 2021.
Medicaid Dental Program	In September 2018, DMAS requested presentations regarding best practices in Medicaid dental programs to inform staff for the development of a Request for Proposal (RFP) for a dental benefits administrator. Since that time, two major drivers have affected the timeline for all RFPs and many contracts at DMAS: 1) the moving of the Medicaid Enterprise System (MES) implementation date from December 1, 2019 until mid-year 2020, and 2) the recently passed high-risk legislation effective July 1, 2019. (See Code of VA, §2.2-4303.01 for more information). Both drivers have required DMAS as a whole to re-evaluate release dates and timing for all of the agency's upcoming RFPs, as well as existing contract renewals and modifications. Once an anticipated timeline for the Smiles For Children RFP has been formalized, we will communicate to the vendor community through a new future procurement posting. With the anticipated RFP, the Department is again interested in gathering information on the latest industry best practices, technologies, and resources for Medicaid dental health services and supports. DMAS invites providers, plans, and other entities with experience in Medicaid dental health program benefits administration to present and submit (no more than a 20 page document), including appendices, information and resources which available in the Medicaid dental market. Also, the 2020 General Assembly expanded Medicaid Dental coverage to the entire Medicaid population.

Multimodal Mobility Enhancement DI Project	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

OT Service and Asset Management Solution Project	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 * Implement an OT Network Operations Center (NOC) to serve all aspects of OT
Pharmaceutical Services	The Virginia Department of Corrections (VADOC) provides pharmacy services to approximately 15,423 offenders at approximately 25 facilities throughout the Commonwealth of Virginia. In 2004, through the competitive negotiation process, the VADOC established a term contract with Diamond Drugs to provide pharmacy services to facilities where the VADOC operates medical units. The final term of Contract #DOC-10-002 expired in 2017. Currently, VADOC utilizes the Minnesota Multistate Contracting Alliance for Pharmacy (MMCAP), and VADOC correctional facilities are members of MMCAP. VADOC facilities have utilized MMCAP's contracts for medical supplies since 2009. They have utilized MMCAP's contract for pharmacy services since 2017. MMCAP's current Contract #MMS17017 for pharmacy services is with Diamond Drugs. The contract allows facilities to purchase comprehensive pharmacy services including prescription and non-prescription medications. Non-prescription medications are referred to as over-the-counter (OTC) medications. While VADOC is using MMCAP for its pharmacy services, VADOC has been using a web-based application that is a part of Diamond Drugs to manage medication administration. VADOC seeks to have the contractor implement an online pharmacy ordering system that would interface with the electronic health records (EHR) system that the DOC is in the process of establishing a contract for and intending to implement at six DOC women's facilities in the very near future. The proposed ordering system also would interface with the Virginia Corrections Information Systems (VirginiaCORIS). VirginiaCORIS is the offender management system (OMS) that the VADOC uses to manage its offender population.

Primary Election System - Project	ELECT is seeking a solution to replace its current system known as the Virginia Election and Registration InformationSystem (VERIS). VERIS is antiquated and the technology is soon to reach end of life. Preference is for a cloud-basedsolution to enhance efficiencies and availability, in order to meet the critical needs of data security related tocommonwealth elections data. VERIS, our existing system, no longer offers the robustness of newer systems. Virginia election law requires that oursystems be agile enough to quickly adhere to legal and legislative changes in our system. VERIS is not very flexible tochange, modifications require much attention and time. Additionally, there are improved software features in some ofthe newer vendor software platforms along with easier compatibility with third party software. The 2020 session of thegeneral assembly in HB2019 directed ELECT to release an RFI to seek information on the replacement of VERIS andreport on the options and potential costs. The RFI recommended that VERIS be replaced. An RFP will be released tofurther evaluate, score and select the VERIS replacement solution. The RFP will include ECOS requirements and will solicit a cloud based solution.
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.

RUMS Replacement Project	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. RUMS is mostly functional but, at 15 years old, the system is reliant on antiquated services, tools, and code. Out of date services such as Infragistics, which is a software utility that 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, still utilizes an older version of MS Word documents. This causes the 300 – 400 users, spread out amongst districts and contractors, to use non-standardized versions of VDOT form letters. RUMS has a cumbersome screen design, connectivity issues, and an inconsistent web service that logs out users every 20 minutes. This results in lost work which discourages localities and contractors from utilizing the system. These deficiencies create mass rework as well as reporting and tracking challenges on locally administered projects. The RUMS replacement software will either be housed at QTS or will be a SaaS cloud offering, depending on the architecture of the proposal that wins the RFP bid.
Traffic Monitoring System Replacement Project	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
VDEM - EOC and governor's situation room AV/VTC	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

Victims Services Technology Project (formerly Prog	Improve the DCJS Victims Services Grant Programs administration by implementing a technology solution that automates the Victims Services Grant Program administration while ensuring data integrity, accessibility, compliance, security and continuous operation. The preferred solution will be an off-the-shelf Software-as-a-Service ("SaaS") solution that meets the requirements for all Victims Services Grant Programs. Should a single solution that works for all grant programs not be available in the market place the project may implement multiple solutions following a least is best strategy. This project will include the decommissioning of outdated Microsoft Access-based applications and legacy systems currently in use. This project will address duplication of effort/data, system performance and support, data integrity, data loss prevention, data and application security, and continuity of operation.
Web Content Management DXP Project	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.
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.