



EXHIBIT A - ELECT DETAILED REQUIREMENTS

VIRGINIA STATEWIDE VOTER REGISTRATION AND ELECTION MANAGEMENT SYSTEM (SVRS)

Offeror's are requested to review the requirements in this **Attachment A** and indicate their capability of fulfilling each of the requirements in the following tabs. Attachment A responses will be used to determine the ability of the Offeror Solution to fulfill the functional, operational, technical and services requirements for the Virginia Statewide Voter Registrations and Election Management System (SVRS).

Federal, State, or Regulatory in Column B

F = "Federal", S = "State", R = "Regulatory" - Identifies if the requirement meets the Federal, State or Regulatory code. Those requirements indicated in Column B with an F, S, or R are critical to the implementation and success of the Virginia Statewide Voter Registration and Election Management System (SVRS). The code citation(s) provided in Column G is to further support the Offeror in understanding the requirement and providing a response to ELECT of how the requirement will/may be met. Virginia Election Law is covered in Title 24.2. Elections and should be reviewed in detailed; the direct link is provided below.

Code of Virginia Title 24.2.Elections

Operational and Technical Performance Standards

Performance standards have been identified for a solution that meets the needs of Commonwealth stakeholders for a stable, accurate, secure and highly functional Virginia Statewide Voter Registration and Election Management System (SVRS), where performance meets workload demands without degradation. Offeror should provide the ability to meet each of the Operational and Technical Performance Standards in Column C, by using the listed codes. In addition, Offerer should provide a detailed explanation of how it will fulfil the performance standards in Column D.

New Legislation Requirements

Requirements identified with "New Legislation", in Column G, support legislation that is currently being considered or has recently been approved for the Commonwealth of Virginia. Being new legislation, it is understood that these items may/may not exist with the Offeror proposed Solution. Offeror should provide a proposed recommendation or identify the current capability that potentially fulfills/could fulfill this requirement.

The acceptable codes for the Implementation Status, located in either Columns C and E, follows:

Y = "Yes" - Offeror will indicate 'yes' if the requirement can fully be met as documented with its current application or proposed Solution. The Offeror should provide a detailed explanation of how they will fulfill the requirement, this may include use of alliances with other suppliers. The Offeror's detailed explanation should not simply be an affirmative reiteration of the question.

P = "Partial" - Offeror will indicate 'partial' if the requirement is not fully implemented in the Solution. If the Solution requires a third-party to fully address the requirement, Offeror should indicate this, along with the third-party required to fulfill the requirement.

F = "Future" - Offeror will indicate 'future' if the proposed Solution will be able to fully meet this requirement in the near future (not longer than 6 (six) months from the date of this RFP). Offeror should provide a proposed date and attach any documentation to support the roadmap capability.

N = "No" - Offeror will indicate 'no' if the current application or proposed Solution cannot meet the requirement and has no firm plans to be in the position to meet this need within 6 (six) months from the date of this RFP.

Note: Offerors should clearly identify any information that may be considered **trade secrets or proprietary information**, as responses to the RFP will become public information, upon contract award.

Attachment A Contents

RFP Tab	Requirement Category	#
	Performance Standards	21
A	Voter Registration	104
B	Election Administration	64
C	Establish Voting Locations	21
D	Poll Worker	5
E	Election Preparation	29
F	Absentee Voting	124
G	Election Results and Certification	36
H	Correspondence and Reports	62
I	List Maintenance	66
J	Online Citizen Portal	27
K	Security	29
O	COV Security	5
L	General Administration	90
M	External Interfaces	18
N	Maintain Geographic Data	49

750

Performance Standard	Description	Implementation Status Yes (Y) Partial (P) Future (F) No (N)	ELECT Must Have	ELECT Proposed Final Contract language/remaining questions/clarifications
Operational Standards				
Multi-jurisdictional	The SVRS should allow for central administration by ELECT, an agency of the Commonwealth, but provide primary utilization and administration by the localities in the state, currently standing at one hundred thirty-three (133) localities.	Y	Yes	SVRS is a multi-jurisdictional Voter Registration and Election Management System that supports independent conduct of election business by one hundred thirty-three (133) localities under central administration of ELECT. A workflow example that touches multiple jurisdictions is found with automated Duplicate voter record management. 1. SVRS receives a new voter registration from Department of Motor Vehicles, the incoming registration is for a voter who lives in City of Richmond. 2. During the registration process, SVRS links a single high confidence duplicate match for the voter's prior registration in the City of Virginia Beach. 3. The voter registration is updated to their Richmond address with the same voter ID and automatically assigned their precinct within City of Richmond. 4. The system generates a Voter Notice Card for the voter to let them know via mail they are now a voter in Richmond. 5. The City of Virginia Beach receives a no-action system notification of the voter's move out of the locality. 6. The system queues a notification for Virginia Beach to inform the voter of their move out of the locality. 7. The Voter can view the current status of their registration on ELECT's Online Citizen Portal (OCP).
Adaptable	The SVRS should be adaptable to support any future statutory, regulatory, policy, or technology changes, in order to meet ongoing changes to the needs of the Commonwealth and Localities.	Y	Yes	Our system is adaptable to future statutory, regulatory, policy, or technology changes in several ways: a) This is accomplished via System Configurations (Business Rules, Data Validation, Correspondences, Templates, Code Types), External Integrations (API-based), or Customization. This allows the system to be prepared to be compliant with future changes in the Election Law. b) Technical changes: SVRS Reactive Architecture allows the system to be responsive, scalable and resilient. A container-based deployment model uses orchestrators to monitor services allowing the system to adapt to changes in the number of users to provide stable performance behavior all the time. The SVRS Microservices architecture consists on independent deployable components (Microservices) that implements functional domains with immutable end points. This allows us to replace the implementation of a Microservice with another that provides newer or better technology without disturbing the other Microservices of the system. New functionality is implemented as a Microservice, so it can be maintained and deployed without altering the surrounding Microservices.
Auditing	The SVRS should provide robust audit logging functionality to ensure the solution conforms to all defined standards and established requirements, provided through full contextual, detailed audit reports.	Y	Yes	SVRS provides a robust tracking of changes, events, and errors. The logs provide the context of who, when, what values before/after, and along with reason for change. Some examples of logs provided in SVRS: <ul style="list-style-type: none"> • Voter changes • User Access logs (e.g., searches where confidential voters were included) • Data extracts and criteria used to extract • Geographical boundary audit logs • System access logs • User-Friendly, Actionable Error Logs at the Application Level • Bulk Change Logs (list maintenance) • System automated changes (e.g., Ballot Suspend and Reissue, High-Confidence Duplicate match) • Logs at service levels • Monitoring and application • Infrastructure logs (monitors services to ensure 24/7 accessibility) • Audit logs of reports generated via batch jobs include information such as who, when the report was scheduled, report name, description, report start, end date, status of the report, etc.
Configurable	The SVRS should be configurable, without the need to make code changes, when any federal, state, and local statutory requirements change.	Y	Yes	Team Canton understands that law changes affect pre-established work flows. SVRS's built-in work-flow engine can change execution path based on received input values. Administrator can change the input values to adopt the path of workflow to meet the change in law. The configurable options within SVRS includes (not an exhaustive list) – business rules, data validation rules, correspondence templates, document templates for auto read, and standard codes. If a new law "Allow early registration starting at 16 years" is approved in the future, a SVRS user can: <ul style="list-style-type: none"> • Add a new Pending Status Reason code of "Underage" for the entire state • Modify the Early Registrant Minimum Age configuration to "16" • Setup a new correspondence template called Underage Voter Registration Card • Set system Rules to trigger the U-VRC correspondence for new Underage voters' registrations • With the SVRS setup in place, ELECT and Localities can focus on voter education and not on running design sessions and testing.
Data Synchronization	The SVRS should synchronize specified data between systems maintained by ELECT, localities, external departments, and other key stakeholders without duplication of entry of the data.	Y	Yes	SVRS provides a "single source of truth" on voters, ballots, and elections for all stakeholders of Commonwealth of Virginia. SVRS is a centralized voter registration and there is one record per one voter (1-1). SVRS's Partner Data Integration Services supports real-time and batch ingestion of data from multiple sources including Department of Motor Vehicles (DMV), Virginia State Police (VSP), Bureau of Vital Statistics (BVS), and Federal Courts. SVRS supports plug-able interface to receive real-time voter data from validated and authorized data sources such as DMV and NVRA agencies. SVRS implements Master Data Management using Machine Learning and Data Science based ***** Service Agent to match and merge duplicates of voters, felons, deceased, non-citizens, and adjudicated incapacitated while preserving the data lineage.

Legal Requirements	The SVRS should provide for compliance with all applicable federal, state, and local statutory requirements.	Y	Yes	<p>The Team Canton leadership team has over 15 years of experience in implementation and support of voter registration and election management systems that are compliant with federal, state, and local statutory requirements. Our team has worked with California, Colorado, Mississippi, Maryland, Wyoming, Washington, Ohio, New York, New Jersey, Rhode Island, Idaho, and Oregon on such system. SVRS is designed to adopt to the changing election laws and regulation at federal, state, and local level.</p> <p>Our experience in IT project implementation has shown that state system requirements are often drafted to meet the federal, state, and local statutory requirements. Team Canton considers ELECT's Centralized Voter Registration System requirements as the baseline to meet federal and Commonwealth of Virginia statutory requirements. Team Canton's business team helps ELECT to draft acceptance criteria for the requirement to align with the laws. The acceptance criteria are then used to test and ensure the delivered SVRS meets both legal and system requirements.</p> <p>Additionally, SVRS supports locality level configuration to meet local statutory requirements. Examples of local legal requirements envisioned includes languages supported, poll worker contact, and election for local districts and offices.</p>
Usability	The SVRS should provide the capability that the users require to efficiently perform a given task with easy system navigation, robust search capabilities, workflow management, and multiple screen displays.	Y	Yes	<p>SVRS provides a high-usability user interface by balancing the requirement of experienced users of system to perform data entry tasks efficiently and the need of new users to understand and learn the system easily. SVRS's user interface is built by following user interface style guides and standards that address factors such as Task efficiency, Ease of learning, Ease of remembering, Understandability, and Subjective satisfaction.</p> <p>Here are some highlights of usability features incorporated in SVRS –</p> <ul style="list-style-type: none"> • A modern and reactive screen layout that adjust automatically to different screen sizes and reduces the fatigue on the user. • Use of quick search on top navigation bar to look up voter and ballots from anywhere in the system. • No need for SQL queries, SVRS provides powerful search features that allows for nearly endless combination of search results across locality or state, depending on user privilege. • Use of dashboards to notify of outstanding tasks or tasks past due and ability to navigate to that task and process them. • Use of keyboard short cuts for Next, Previous, Open, Close, Accept, Reject, Save, Search, and so on. • Use of standardized memorable screen layouts across the system. • Use of breadcrumbs, wizard styles, and so on to hand-hold the user through less intuitive multi-user/multi-step tasks. • Use of intelligent record locks to allow one or more users to collaborate on batch tasks.
Longevity	The SVRS should support statewide and locality voter registration and election management system needs for the next decade and beyond.	Y	Yes	<p>SVRS runs on FedRamp certified Cloud. A cloud-based deployment allows continual upgrades, server patches, keeping up-to-date with changing security needs and recommendations. Versioning by microservice is important to ensure SVRS is always using the latest version. Ramping-up server performance as needed, security upgrades, server upgrades, system functional upgrades to adhere to laws, compatibility for external integrations, compatibility with third party tools utilized in SVRS. The SVRS team performs .NET Core upgrades to keep the technology stack relevant. As a result, the product can evolve functionally and technically, ensuring the SVRS tools and components relevancy in the upcoming decades.</p>
Reporting	The SVRS should offer both standard and customizable reporting capabilities, in various industry standard formats.	Y	Yes	<p>SVRS Election Analytics offers ELECT and Localities the best in class, near-real time, ease of access to any voter, election, ballot, candidate, petition, and other information within the solution. SVRS Election Analytics includes Standard Reports, Ad-hoc reports, and Advanced Analytics. SVRS provides drag and drop capability to building reports and sharing it within team. Access to data can be secured at the column and row level including Personal Identifiable Information. Consumption of analytics services does not impact the performance and operation of other parts solution. SVRS is built on an industry leading underlying technology, *****, that is already familiar to ELECT.</p>
Performance	The SVRS should include Service Level Agreement (SLA) metrics to ensure reasonable efforts occur to achieve scalability and performance expectations, further defined in the RFP and Attachment A.	Y	Yes	<p>SVRS architecture and implementation based on microservices deployed in Docker containers and managed by Kubernetes cluster(s) is highly scalable. Kubernetes will scale the containers based on their capacity (memory, processors) and how they are handling their load. The container manager monitors the containers and when it notices that one of them is under performing it automatically spins out a new container to share the load of the slow container. When the load is reduced and the containers are not used at all, Kubernetes disposes the extra created containers. This elastic behavior of our architecture (application and infrastructure) assures that the SLAs required by the client will be met. The SLAs will be defined in conjunction with the client based on the user expectations. The metrics will be determined during performance tests in the actual production environment or a production like environment for performance testing. We will fine tune the initial number of Microservices replicas to achieve an optimal performant system that meets from day one the SLAs. The scalability of the system can also be done manually using the Azure Kubernetes configuration and monitoring views, but we encourage the use of the automated scalability capacity offered by Kubernetes and our Microservice architecture. We have been scalable to meet performance to support 1500 concurrent users, Official list extracts of 1 million records every 10 minutes, 100 hundred county transactions every one minute, etc. We will help identify similar metrics for this project.</p>
Workflow Management	The SVRS should provide the capability to define workflow to streamline routine business processes for optimal efficiencies.	Y	Yes	<p>SVRS's workflow engine supports orchestration of work-flow path using configurable components such as Business Rules Engine, Data Entry Assist, Custom Notices, and Standard Values. Here is an example for workflow within SVRS: -</p> <ul style="list-style-type: none"> • Voter Registration Team/Data Entry Assist either manually or automatically process the voter registration data from paper, online, or DMV queues. • List Maintenance Services queues duplicate matches, felon, and deceased matches. High confidence matches are automatically merged, moved, or canceled as per business rule. Potential matches are available for Voter Registration Team to review and work them. • Election Management Services based on voter eligibility rules adds, updates, or cancels voter on the upcoming election's workspace. • Ballot Services automatically issues, suspends, or reissues ballots as per business rules. The Election Team can print the ballots ready to be mailed out.
Technical Standards				
Business Continuity / Disaster Recovery	The SVRS should be provided with operations and core business functionality that are not severely impacted by a disaster or unplanned incident.	Y	Yes	<p>SVRS solution to be available 99.99% uptime, our strategy started at design time, development and during implementation following a Reactive Architecture: Fault Tolerant, Responsive and Elastic using Messaging for inter service communication. Our solution implements a replica of the Production environment in a Recovery Site physically located in a different Azure Geographical Region. We will implement Azure Recovery Site (ARS) to replicate Virtual Machines, ***** to back up the replicated Data Base and Azure Backup Services to replicate our Data Repository, resulting in a RPO of 15 minutes or configurable to the client needs.</p>

Database of Record	The SVRS should be able to interact with a central statewide voter registration database of record, which serves the state's and localities' needs for both voter registration and election management.	Y	Yes	SVRS is a centralized repository at the state-level with a unique voter id; however, each locality has maintenance control of its subset of voter data that is logically separated from other localities who do not have jurisdictional control over the record. This allows elections to be conducted at a statewide or locality-wide level. Due to this approach, the most up-to-date data is available instantaneously, while maintaining control of the data modifications.
Data Compliance	<p>The SVRS should perpetually support compliance with ELECT's data tracking and reporting requirements for the Commonwealth and for the:</p> <ul style="list-style-type: none"> • Americans With Disabilities Act (ADA) • Election Assistance Commission (EAC) • Election Administration and Voting Survey (EAVS) • Geographic Information System (GIS) • National Voter Registration Act (NVRA) • Military and Overseas Voter Empowerment (MOVE) Act • Voters Information Project (VIP) • Uniformed and Overseas Civilians Voting Act (UOCAVA) <p>The SVRS design and functionality should follow best practices, formats and industry standards, corresponding with</p> <ul style="list-style-type: none"> • Commonwealth Information Technology Resource Management (ITRM) • National Institute of Standards and Technology (NIST) policies and standards • International Organization for Standardization (ISO) 	Y	Yes	<p>Data tracking and control entry error – SVRS already tracks data fields necessary for the:</p> <ul style="list-style-type: none"> • Americans With Disabilities Act (ADA) • Election Assistance Commission (EAC) • Election Administration and Voting Survey (EAVS) • Geographic Information System (GIS) • National Voter Registration Act (NVRA) • Military and Overseas Voter Empowerment (MOVE) Act • Voters Information Project (VIP) • Uniformed and Overseas Civilians Voting Act (UOCAVA) <p>In addition, entry of bad or inconsistency data is controlled with use of standard values, validation rules, and predefined data transformations.</p> <p>Point-in-time reporting: Most of these reports are generating as 'As-of' a date so from the get go, SVRS support tracking and reporting as of a point in time. SVRS also supports generation of reports that compares data changes in a period.</p> <p>Readiness Check and reconciliation: In most cases the above-mentioned reports are generated at the ELECT level thus is important to ensure localities have completed the task necessary before reports are extracted. Once the reports are generated, Locality should be able to reconcile the counts with what ELECT has. SVRS supports both readiness check and reconciliation.</p> <p>As the data tracking and reporting requirements change, Team Canton works with ELECT to make the system changes to remain compliant with data tracking and reporting requirements.</p> <p>Team Canton's IT Security Policies and Guidelines for system and organization was prepared by independent IT Security contractors to comply with appropriate standards and best practices as published by National Institute of Standards and Technology (NIST) and International Organization for Standardization (ISO) including -</p> <ul style="list-style-type: none"> • FIPS 199 Standards for Security Categorization of Federal Information and Information Systems • NIST 800-18 Guide for Developing Security Plans for Federal Information Systems • NIST 800-53 Recommended Security Controls for Federal Information Systems and Organizations • NIST Privacy Impact Assessment Plan • NIST SP 800-34 Contingency Planning Guide for Federal Information Systems • ISO 27001 Information Security Management System (ISMS) <p>Team Canton follows the Commonwealth Information Technology Resource Management (ITRM) recommendations for Cloud based services, by hosting SVRS in the Public Fed Ramp Certified Azure Government Cloud.</p>
Data Reporting / Warehouse	The SVRS should be able to integrate with various off-the-shelf reporting solutions to serve the state's and localities' needs for both reporting and data warehousing. ELECT currently utilizes ***** to serve the reporting needs of the Commonwealth.	Y	Yes	SVRS provides the best match and the superior choice for ELECT with our Elections Data Analytics Platform. Our analytics platform is built on ***** Datawarehouse and ***** for reporting thus ELECT and Locality staff can continue to use *****. Team Canton publishes data models that election staff can understand and use easily. Staff can drag and drop the necessary fields, without worry of data relationships and SQL queries, to produce beautiful reports and dashboards. SVRS supports multitenancy and security is applied at both row and column level thus each locality can keep their data private and accessible to their own staff and ELECT. In addition, ELECT and locality can securely connect any other business intelligence solution such as PowerBI or ***** , Looker to our warehouse if they choose to. Truly a game changer and unlocks the power of your data.
Product Roadmap	The underlying technology stack for the SVRS should consist of widely used components with a long-term viable product roadmap.	Y	Yes	<p>SVRS utilizes industry-standard technology, such as Microsoft development stack. Team Canton actively avoids the use of open-source components, choosing instead reputable, commercial operations with existing support models.</p> <p>SVRS prefers relationships with companies that have existing government presence to ensure SVRS's long-term product viability and continued improvements to the product's roadmap.</p> <p>An example of how SVRS utilizes widely used technology is with the integration with ArcGIS. This includes an established partnership with the company ESRI. The main components in SVRS's technology stack are supported by Microsoft's development stack (SQL Server, Azure DevOps, Azure Kubernetes). Smaller components, such as the scheduler Hang fire and messaging service RabbitMQ are both widely used and established in the marketplace. Team Canton evaluates component technology providers based on the product roadmap for the companies that provide the tools utilized in SVRS.</p> <p>This includes .NET (at current or one prior version), major technical components are sourced from DevOps GIT repository, Microsoft Pipelines for continuous deployment, containers, dockers, container orchestrators, relationship database, Microsoft SQL server. Security resources such as Firewalls, architecture is service-oriented microservices which allow flexibility to future change, and add components without altering existing components. Because the system is hosted on Fed Ramp certified Cloud environments hosted by major companies, allows SVRS to scale to resource loads as needed (such as two weeks prior to an election, etc.). Job scheduler, system monitoring logs and health of the system.</p>
Cloud Ready Exec Order-19	The SVRS should support a developed for cloud (i.e. IaaS, PaaS, etc.), secure deployment, that scales to support the needs of the Commonwealth and localities.	Y	Yes	<p>The system is intended for Azure Fed Ramp-certified Cloud environments; however, it can be supported on hosted environments or a hybrid version where the database is locally hosted and services are deployed in the cloud. Cloud-hosted environments allow SVRS to scale to resource loads at critical periods or over the course of time.</p> <p>An example of this can be seen two (2) weeks prior to a major election when a sudden spike of users (temporary data entry users, election workers) begins logging into the system.</p> <p>Scaling the load between services depending on different time periods (e.g., Election service impact, Petition verification, Voter Registration drives). Spin up additional resources (e.g., microservices), scale down again to maintain costs. Team Canton monitors SVRS to determine the health of the system at any point in time.</p> <p>Determining the ideal configuration services to be maintained in an ideal state is monitored automatically and supervised by a sysadmin. The SVRS team provides technical consultation for the effective scaling of the components of the system. Services are separated to maintain a better control of server resources. Performance test-based determination is key to determine the initial configuration of the system and predict how to scale the system appropriately. All this procedures and practices helps manage the cost of the cloud services.</p>
Security	The design and implementation for the SVRS should be driven by a "security first" perspective, recognizing that trust in voter registration data and elections management systems is paramount.	Y		***** (Vendor Response Redacted).

Integration	<p>The SVRS should provide specified integration(s) with agencies or organizations, such as:</p> <ul style="list-style-type: none"> • Electronic Registration Information Center (ERIC), • Virginia Department of Motor Vehicles (DMV), • Virginia Department of Health (VDH), • Virginia State Police (VSP), and <p>be extensible to accommodate future agency and organization integrations.</p>	Y	Yes	<p>SVRS's Partner Data Integration Services supports real-time and batch ingestion of data from multiple sources including Electronic Registration Information Center (ERIC), Virginia Department of Motor Vehicles (DMV), Virginia Department of Health (VDH), Virginia State Police (VSP), National Change of Address (NCOA), and other internal and external agencies.</p> <p>Batch Data Integration service uses a scalable design for import of high volumes of data with fast load times from new interfaces. This service includes components to support capture of metadata, movement of data between servers or networks, data transformation, and scheduling.</p> <p>Real-time Data Integration Service is a decoupled model of integration defines an Integration Service (Service Bus) - ISSB for SVRS to consume external agency web services. This microservice is fully autonomous in processing all the steps needed to integrate SVRS with external agency web service. It implements data transformations, protocol transformation, messaging, routing design patterns or Enterprise Integration Architecture (EAI), as well as industry common application design patters such as Singleton and Factory Method.</p>
Configuration Capability	<p>The SVRS should provide a robust ability for configuration over customization, to enable rapid system changes, that can be performed by ELECT personnel.</p>	Y	Yes	<p>Team Canton built SVRS to be operated as a Software as a Service (SaaS) model. The intent behind this is to incorporate configurability widely-used throughout the system. ELECT and locality can maintain configuration locally or inherit through hierarchy. The configurable options within SVRS includes (not an exhaustive list).</p> <ul style="list-style-type: none"> • Business Rules Engine: Supports authoring of data validation and business rules with minimal code changes. • Workflow Engine: Supports orchestration of work-flow path using configurable components such as Business Rules Engine, Data Entry Assist, Custom Notices, and Standard Values. • Data Entry Assist: Intelligent assistant to complete data entry from paper documents. Supports setting up templates for new documents to automatically read data from. • Custom Notices – Supports setup of custom templates to print or extract notices. Prints with jurisdiction specific details. Previous versions of the documents can be preserved. • User Interface: Supports configuration at jurisdiction level with specific logos, dashboards, office locations with hours, contacts, and so on. • Standard Values: Supports creation of standard values at both state and local level. Local level values are automatically mapped to default state values on search, view, and reports.
Modern Architecture	<p>The SVRS architecture should be a modern, robust, browser-based user interface, with a service-oriented back-end and an API-based integration tier. Supported browsers should include, but not be limited to: Chrome, Edge/IE, Firefox, Safari.</p>	Y	Yes	<p>SVRS is architected using Service Oriented SOA principles and the Reactive Architecture paradigm. This modern architecture is based on responsiveness, scalability and resilience so that the different components (Microservices) continue functioning when one of them is not performing well or is compromised. Each Microservice exposes its end points as a RESTful API.</p> <p>Our DevOps process is designed to automatically build and deploy the application on premises or the cloud using Docker containers, one for each Microservice, Kubernetes and Istio. Kubernetes orchestrates the containers and also provides for automatic scalability and fault tolerance of the Microservices in SVRS.</p> <p>SVRS client is browser-based user interface that communicates with the SVRS service-oriented backend via REST API</p>

"Official" RFP #'s	Federal, State, Regulatory	ELECT Specification Title	Requirement	Implementation Status Yes (Y) Partial (P) Future (F) No (N)	Reference links to fulfill the listed requirement. <i>The links to any Federal, State or Regulatory requirements are provided for the Supplier to reference and review to ensure compliance.</i>	ELECT Must Have	ELECT Proposed Final Contract language/remaining questions/clarifications
 Voter Registration (104)							
VR-1.1	F, S, R	Functionality to Manage Voter Registration:					
VR-1.1.1	S	General Functionality	Does the Solution support registering a voter such that their name appears on the list of eligible voters for the next election for which the voter is qualified? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-418)	Yes	Supplier will provide its SVRS, which is a fully-functional elections platform, and contains all elements necessary to conduct a successful election end-to-end. This includes new and existing voter list maintenance (VR-1.1.1) (VR-1.1.3) (VR-1.1.13.1) (VR-1.1.13), geographical boundary maintenance, office, referendum, contest, position, petitions, public portal, voting locations, workers, ballot management, election day portal, reporting. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots. The solution allows for data entry in the queue to process at same time and allows for paper updates (data in) and online public portals. The solution allows for DMV updates from external entities to the voter form. The user interface captures the user's history per election, notices, etc. are attached to the register history. There are two pillars, 1) Voter Record and 2) Geographic Locations. Part of the geographic list determines who gets on the poll list and validates list.
VR-1.1.2		Voter Search, Filter, and View	Does the Solution allow an authorized user to search, filter and view a voter registration using different combinations of criteria and include searches using a hand scanner? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS will provide a large number of ways to locate the record (VR-1.1.2). On the perennial header at the top of the screen, users can perform a quick search for a voter record based on name, Driver License ID, Voter ID (or scanned barcode of voter id), and Ballot ID. If the record is not found this way, the user can correct a typo and try again, create a new voter record, or go to the Advanced Search. As with most SVRS modules, the Voter module starts with a search screen. This is the Advanced Search. Every voter data field is available to search on or add as a results column. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots.
VR-1.1.3	S	New Registration	Does the Solution support the initial registration of voters? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-418)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS will provide a fully-functional elections platform, and contains all elements necessary to conduct a successful election end-to-end. This includes new and existing voter list maintenance (VR-1.1.1) (VR-1.1.3) (VR-1.1.13.1) (VR-1.1.13), geographical boundary maintenance, office, referendum, contest, position, petitions, public portal, voting locations, workers, ballot management, election day portal, reporting. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots.
VR-1.1.3.1	S, F	First Time Mail-in Voter Registrations, HAVA	Does the Solution support first time mail-in registrations, and record and track HAVA ID requirements, and applicable exemptions? Please describe.	Y	416)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS will provide Voter Records that fail to meet HAVA (VR-1.1.3.1) requirements are clearly marked on the Additional Information tab. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots. The solution allows for exemptions, for example: student, UOCAVA, over 65, etc. The solution provides real time data with DMV external portal.
VR-1.1.3.2		First Time Mail-in Voter Registrations	Does the Solution support first time mail-in registrations, and record and track Virginia specific requirements for voting in-person, and applicable exemptions? Please describe.	Y	HAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. For first-time voters, the "HAVA ID required" flag in SVRS means the voter was a first time mail in registrant who did not provide ID, and will be required to provide it to vote. The Virginia specific requirement means the person will be required to vote in person, Exemptions apply to both the requirement to provide ID to vote and both in person, which include: student, UOCAVA, over 65, etc. must vote in person (VR-1.1.3.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots.
VR-1.1.3.3	S	Five Day Waiting Period	Does the Solution support voter registration completed at the same time an absentee ballot application is submitted, with the capability to designate in the voter registration record that a 5-day waiting period is required before processing the absentee ballot application, according to the Code of Virginia? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-701)	Yes	The infrastructure exists, a five-day waiting period to delay the addition of a new voter record into an election workspace to delay ballot issuance is possible, but not currently in SVRS. In SVRS, the voter is validated in real-time (VR-1.2.1.6) against Dept. of Health, Dept. of Corrections, DMV and SSA agencies in the present implementation (VR-1.1.3.3). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots. The solution meets majority of this requirement, but smaller gaps still exist, for example in Virginia, when a first time voter completes a new application and wants to vote absentee at the same time. Supplier will modify the solution to ensure it meets Virginia law requirements.
VR-1.1.3.4	S	Same Day Registration	Does the Solution support same day registration? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-420.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS system supports same-day registration (VR-1.1.3.4). For an election, this can be done either by making the Close of Registration for an election the same day as the election with no modifications, or using a process similar to the current implementation for the State of California, which can be implemented for Virginia, where the ballot envelope must pass through a validation step similar to Absentee for voters who register between the close of registration and election day. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots. The Supplier will work with ELECT to define a same day registration process within the SVRS that meets Virginia's specific legislative and regulatory requirements.
VR-1.1.4	S	Registration and Status Alert for Protected Voter	Does the Solution support the registration by authorized users of protected voters, permitting them to substitute the residence address with a post office box address, recording the reason for protected status, and provide an indicator to users? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4	Yes	Supplier will ensure its SVRS fulfills the Requirement. In SVRS, only an authorized end user views or updates confidential voter registrations (VR-1.1.4) received at the county. These protected voters have their information (residence address, phone number and email address, IDs) masked by default for even privileged users. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots.

VR-1.1.5	S	Registration and Status Alert for Uniformed and Overseas Civilians (UOCAVA)	Does the Solution support the registration of Uniformed and Overseas Civilians (UOCAVA) voters, record if the individual is military, overseas or a federal only, and for federal only, record the last date of residence in Virginia, and provide an indicator to users? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4.1	Yes	Supplier will ensure its SVRS fulfills the Requirement. On the voter record's Elections tab, the user can define the types of ballots the voter should receive. In California they have Permanent Vote by Mail, Election Specific Vote by Mail, and UOCAVA (VR-1.1.5). For Virginia, the absentee application process will be implemented. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots. Digital forms come in by the public portals. Paper forms captures full registration, type of UOCAVA, and address. The paper form can be scanned to capture the image and the user has the ability to add in data elements. For example, communication method preferred by voter (e.g., email, etc.).
VR-1.1.6	F	Federal Postcard Application (FPCA) Processing	Does the Solution provide the capability for an authorized user to process an approved voter registration and absentee application on a Federal Postcard Application (FPCA) as a single transaction, or, as an option, the ability to process separately? Please describe.	Y	UOCAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. Local election staff can create custom scan templates to include any form the county election staff receives, including Federal Postcard Application (VR-1.1.6). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots. Currently, the solution supports the ability to process separately at a point of time. For a UOCAVA applicant, this is permanent until the voter makes a change. The system allows for both absentee and UOCAVA.
VR-1.1.7	F	Federal Write-in Absentee Ballot (FWAB) Processing	Does the Solution provide the capability for an authorized user to process an approved voter registration and absentee application on a Federal Write-In Ballot (FWAB) as a single transaction or, as an option, the ability to process separately? Please describe.	Y	UOCAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS Participation History allows users to add participation for a voter record, define the type of Ballot (ex-FWAB), and whether or not it was Counted (VR-1.1.7). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots. Currently, the user scans and enters data elements that are attached as an image. The solution allows a voter to record participation into the system.
VR-1.1.8	S	Registration for Voters with Visual Impairment and Print Disabilities	Does the solution provide the capability for voters with visual impairment and print disabilities to register to vote, update, their registration, etc? Please describe.	Y	New Virginia Legislation - 2021 Session	Yes	Supplier will ensure its SVRS fulfills the Requirement. The user can define one or multiple voter Assistance metrics for voters who have a disability or impairment that requires accommodation on the ballot or at the poll site (VR-1.1.8) (VR-1.1.12). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots.
VR-1.1.9	S	Registration and Alert for Voters with Exemptions	Does the Solution support the registration of voters with exemptions and provide an alert to users? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4	Yes	Supplier will ensure its SVRS fulfills the Requirement. Any validations that prevent a voter from becoming Active are presented to the user on the screen (VR-1.1.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots.
VR-1.1.10	S	Pre-registration of residents 16 years or older	Does the Solution provide for an authorized user to pre-register a Virginia resident 16 years or older, with the capability of adding, maintaining, storing, archiving, searching and viewing this record? Please describe.	Y	New Virginia Legislation - 2021 Session	Yes	Supplier will ensure its SVRS fulfills the Requirement. Minimum age of early applicants is a system configuration item—California has theirs configured to 16, and Virginia would define this per their current laws (VR-1.1.10). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots.
VR-1.1.10.1	S	Transfer of Pre-registered Voter Once Eligible to Vote	Does the Solution provide the capability to process the record transfer of a pre-registered Virginia resident 16 years or older to registered voter, if the registrant will be 18 years old on or before next general for inclusion? Please describe.	Y	New Virginia Legislation - 2021 Session	Yes	Supplier will ensure its SVRS fulfills the Requirement. Early Registrants automatically move to Active status on their 18th birthday (VR-1.1.10.1) assuming all other validations for an Active voter are met. Pending, Underage voters who are 18 on or before an election day, and who are otherwise eligible, are added to an election workspace. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots.
VR-1.1.11		Party Affiliation of Voter	Does the Solution provide the capability to record, maintain, store, and display party affiliation for a voter, and make this information publicly available? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS tracks qualified, qualifying, and unqualified parties in System Configuration. These can be associated to a voter record (VR-1.1.11). "Other" political parties are added as freeform text. These "Other" parties are added into the system as unqualified parties. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots.
VR-1.1.12		Maintain Voters with Visual Impairment and Print Disabilities	Does the solution provide the capability for an authorized user to record, maintain, view, and report voters with visual impairment and print disabilities? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The user can define one or multiple voter Assistance metrics for voters who have a disability or impairment that requires accommodation on the ballot or at the poll site (VR-1.1.8) (VR-1.1.12). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots.
VR-1.1.13	S	Maintenance on Voter Registrations	Does the Solution provide authorized users with the capability to perform maintenance on voter registration records? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-429)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS is a fully-functional elections platform, and contains all elements necessary to conduct a successful election end-to-end. This includes new and existing voter list maintenance (VR-1.1.1) (VR-1.1.3) (VR-1.1.13.1) (VR-1.1.13.2), geographical boundary maintenance, office, referendum, contest, position, petitions, public portal, voting locations, workers, ballot management, election day portal, reporting. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots.
VR-1.1.13.1	S	Registration Update	Does the Solution support the update of voter registration records? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS is a fully-functional elections platform, and contains all elements necessary to conduct a successful election end-to-end. This includes new and existing voter list maintenance (VR-1.1.1) (VR-1.1.3) (VR-1.1.13.1) (VR-1.1.13.2), geographical boundary maintenance, office, referendum, contest, position, petitions, public portal, voting locations, workers, ballot management, election day portal, reporting. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots.
VR-1.1.13.2	S	Registration Cancellation	Does the Solution support the cancellation of voter registration records and capture the reason for cancellation? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS, by default, contains four primary voter statuses: Active, Inactive (VR-1.1.13.4), Pending, and Canceled (VR-1.1.13.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots. The first match is linked to the agency record. It provides the reason for cancellation but doesn't change link for a change in reason. The agency will not lose the link. The Supplier will work with Elect on the configuration of a trigger notice, manual cancellations due to voter requests and other state notifications.
VR-1.1.13.3	S	Registration Reinstatement	Does the Solution allow for the reinstatement of previously cancelled voter registration records and capture the reason for reinstatement? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4	Yes	Supplier will ensure its SVRS fulfills the Requirement. Voters can pass from Canceled to Active status assuming they meet the requirements of an active voter record (VR-1.1.13.3). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots.
VR-1.1.13.4	S	Registration Inactivation	Does the Solution allow for the inactivation of registered voter records and capture the reason for inactivation? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-428.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS, by default, contains four primary voter statuses: Active, Inactive (VR-1.1.13.4), Pending, and Canceled (VR-1.1.13.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots.

VR-1.1.13.5	S	Registration Transfer	Does the Solution support the transfer of voter registration records from one locality to another locality? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS is a "top-down" system, meaning that all jurisdictions exist together in the same eco-system, but are logically separated from one another. This means that one locality has access to data from their own jurisdiction only. However, voter records can transfer to a different jurisdiction of ownership (VR-1.1.13.5). This can be done via the registration process linking an applicant to an existing record anywhere in the state—or by one jurisdiction pushing the voter into another jurisdiction for validation. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots.
VR-1.1.13.6	S	Registration Denial	Does the Solution support the denial of voter registration records and capture the reason for denial? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. Inactive or Canceled records' Reason code can reflect the reason a registration was denied (VR-1.1.13.6). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots. Denial is a registration status for Virginia that Supplier will add, including automated correspondence. This requires the capture of the denial reason (e.g. missing information, under age, felon, death, mental capacity, etc. Supplier has the logic, but needs to configure.
VR-1.2	F, S, R	Registration Data Entry and Processing					
VR-1.2.1	S	Data Entry	Does the Solution support entry of voter registration applications from multiple sources, i.e. discretionary agencies? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS allows system users to scan single paper registration and bulk paper registrations (VR-1.2.1.1), or attach saved files individually or add to a bulk queue (VR-1.2.1.10.1). The system groups scanned/attached documents into work queues of like documents. These have their Received Date, Source (VR-1.2.1), and Method—as well as other details that are used to generate NVRA statistical reporting (VR-1.2.1.18). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots.
VR-1.2.1.1	F	Manual Data Entry	Does the Solution provide for manual entry of voter registration applications? Please describe.	Y	HAVA NVRA	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS allows system users to scan single paper registration and bulk paper registrations (VR-1.2.1.1), or attach saved files individually or add to a bulk queue (VR-1.2.1.10.1). The system groups scanned/attached documents into work queues of like documents. These have their Received Date, Source (VR-1.2.1), and Method—as well as other details that are used to generate NVRA statistical reporting (VR-1.2.1.18). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots.
VR-1.2.1.1	F	Manual Status Updates	Does the Solution provide the capability for manual status changes of voter registration applications, such as active to inactive, inactive to active, active to be cancelled, etc., and record a reason for the change? Please describe.	Y	HAVA NVRA	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS populates and modifies the voter Status and Reason as data is inputted about the applicant. If they are underage if their residence address cannot be auto-precinct, a first-time registrant, or linked to an existing record all affect the status/reason suggested by SVRS; however, the system user can modify the fields with what they deem the true Voter Status and Reason (VR-1.2.1.1.1) at their discretion as well as the signature date by the applicant. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots.
VR-1.2.1.2	S	Electronic Data Entry	Does the Solution provide interfaces for electronic receipt of voter registration applications from the Department of Motor Vehicles (DMV), online voter registration systems and other authorized entities? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-411.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Current implementations of SVRS include real-time identity verification from any external agency, including DMV (VR-1.2.1.2). The VA DMV would need to be configured in SVRS. SVRS is designed to accommodate many API integrations, including real-time integration and validation with the DMV. This integration effort would include the interpretation of the "Voter Registration Opt-Out" (VR-1.2.1.13). Please see Supplier's Supplemental Word Document to Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots. The state registration portal and DMV are in the system. The citizen portal (public view) is within scope of proposal.
VR-1.2.1.3	F	Common Data Formats	Does the Solution provide interfaces for electronic receipt of voter registration data using the NIST SP 1500-104 Voter Records Interchange Common Data Format (CDF) specification? Please describe.	Y	NIST.SP.1500-104	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS is compliant with NIST specifications (VR-1.2.1.3). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots.
VR-1.2.1.4	F	Validate Social Security Number (SSN)	Does the Solution support the ability to confirm Social Security Number (SSN)? Please describe.	Y	HAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. Minimum Required Fields are enforced by SVRS in order to save a voter record as Active (VR-1.3.1). These fields at present are Last Name, DOB, DL (VR-1.2.1.4) or SSN (VR-1.2.1.4), Language, Party, and valid Residence address. Additional field validations or requirements, such as Middle Name, can be added as needed by Virginia (VR-1.3.1.2) (VR-1.3.1.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.3 for more details and screenshots.
VR-1.2.1.5		Validate Department of Motor Vehicles (DMV) ID	Does the Solution provide the ability to validate Department of Motor Vehicles (DMV) ID? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Minimum Required Fields are enforced by SVRS in order to save a voter record as Active (VR-1.3.1). These fields at present are Last Name, DOB, DL (VR-1.2.1.4) or SSN (VR-1.2.1.4), Language, Party, and valid Residence address. Additional field validations or requirements, such as Middle Name, can be added as needed by Virginia (VR-1.3.1.2) (VR-1.3.1.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.3 for more details and screenshots.
VR-1.2.1.6		Automatic Processing	Does the Solution support the automatic processing of voter registration applications, upon validation of the data? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The infrastructure exists, a five-day waiting period to delay the addition of a new voter record into an election workspace to delay ballot issuance is possible, but not currently in SVRS. In SVRS, the voter is validated in real-time (VR-1.2.1.6) against Dept. of Health, Dept. of Corrections, DMV and SSA agencies in the present implementation (VR-1.1.3.3). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots. The Supplier will work with ELECT to ensure the system is able to process voter registration applications automatically if the application passes all defined data validations.
VR-1.2.1.7		Processing Using a Hand Scanner	Does the Solution support registration processing using a hand scanner? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. On the perennial header at the top of the screen, users can perform a quick search for a voter record based on name, Driver License ID, Voter ID (or scanned barcode of voter id (VR-1.2.1.6)), and Ballot ID. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.1 for more details and screenshots.

VR-1.2.1.8		Automatic Processing of Duplicate Applications	Does the Solution support the automatic processing of duplicate voter registration applications received electronically? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS uses high-confidence matching metrics defined by Los Angeles County and used by the State of California to ensure no duplicate voters exist across their respective 6 million and 22 million count of voter records (VR-1.2.1.8). This efficient process verifies if an applicant has already applied or is registered within the entire state (VR-1.2.1.12). The Supplier will use these California specific metrics as a starting point and will update to meet Virginia's defined matching criteria. If the applicant is NOT considered a high-confidence match with existing voter records, the applicant is automatically treated as a new voter record. Lower-confidence record matches are linked and post-processed in the List Maintenance service by elections staff this ensures any staff processing scanned queues do not accidentally link lower-confidence matches that may go undetected. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots.
VR-1.2.1.9		Registration Archive	Does the Solution support the archiving of a voter registration application when a newer application for the same person has already been processed? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The signature date / effective date is used to validate that the registration form or list maintenance being processed is not older than the current record, the user is alerted and can decide to "Ignore" the form (VR-1.2.1.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots.
VR-1.2.1.10		Store Voter Registration Applications from Electronic Sources	Does the Solution support the storage of voter registration applications from electronic sources? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Any additional images (VR-1.2.1.10) can be uploaded (VR-1.7.4) or scanned (VR-1.7.2) to the Images tab on the voter record (VR-1.7.1), including proof of identification or citizenship. If the most-current signature is not appropriate for the voter's record, then user can go in and crop a new signature from any associated documentation on the Images tab of the voter's record. This includes electronic signatures imported from the DMV or other sources. (VR-1.7.6) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.7 for more details and screenshots.
VR-1.2.1.10.1		Search, Filter, and View Voter Registration Applications from Electronic Sources	Does the Solution provide the capability for an authorized user to search, filter, and view voter registration applications from electronic sources? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS allows system users to scan single paper registration and bulk paper registrations (VR-1.2.1.1), or attach saved files individually or add to a bulk queue (VR-1.2.1.10.1). The system groups scanned/attached documents into work queues of like documents. These have their Received Date, Source (VR-1.2.1), and Method—as well as other details that are used to generate NVRA statistical reporting (VR-1.2.1.18). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots.
VR-1.2.1.11		Pending Registrations	Does the Solution provide for saving a registration whose disposition has not been determined for later processing, where the registration will not be added to the list of eligible voters for any election before disposition has been determined, and the registration shall be tied to the applicant's voter registration record, or master record if no registration record exists? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Users can skip over applicants who have pending information, and leave them unprocessed if that is desired to avoid record creation; however, SVRS includes a Pending status (VR-1.2.1.11) for the purpose of managing these applicants and producing correspondences to resolve any missing information (VR-1.2.1.14) (VR-1.2.1.14.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots.
VR-1.2.1.12	S	Automatic Entity Resolution	Does the Solution provide for automatic detection if a master record already exists for the applicant, and links the voter registration application to that record? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-404)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS uses high-confidence matching metrics defined by Los Angeles County and used by the State of California to ensure no duplicate voters exist across their respective 6 million and 22 million count of voter records (VR-1.2.1.8). The Supplier will use these California specific metrics as a starting point and will update to meet Virginia's defined matching criteria. This efficient process verifies if an applicant has already applied or is registered within the entire state (VR-1.2.1.12). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots.
VR-1.2.1.13		Automatic Voter Registration Opt-out	Does the Solution provide for the association of the automatic voter registration opt-out status with the voter's master record? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Current implementations of SVRS include real-time identity verification from an external agency, including DMV (VR-1.2.1.2). The VA DMV will be configured in SVRS. SVRS is designed to accommodate many API integrations, including real-time integration and validation with the DMV. This integration effort would include the interpretation of the "Voter Registration Opt-Out" (VR-1.2.1.13). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots. If the file has an opt-out status, it will not be processed but there will be a record.
VR-1.2.1.14		Incomplete Registrations	Does the Solution support the electronic recording of incomplete voter registration applications? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Users can skip over applicants who have pending information, and leave them unprocessed if that is desired to avoid record creation; however, SVRS includes a Pending status (VR-1.2.1.11) for the purpose of managing these applicants and producing correspondences to resolve any missing information (VR-1.2.1.14) (VR-1.2.1.14.1). Supplier will add an "incomplete" registration status that would require the capture of any missing elements (e.g. DOB, SSN, residence address elements, etc. Supplier will provide the following statuses in addition to pending: active, inactive, incomplete, denied and cancelled. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots.
VR-1.2.1.14.1		Mastering of Incomplete Registrations	Does the Solution provide for the ability to connect incomplete registrations containing sufficient identifying information to the person's master record? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Users can skip over applicants who have pending information, and leave them unprocessed if that is desired to avoid record creation; however, SVRS includes a Pending status (VR-1.2.1.11) for the purpose of managing these applicants and producing correspondences to resolve any missing information (VR-1.2.1.14) (VR-1.2.1.14.1). Supplier will add an "incomplete" registration status that would require the capture of any missing elements (e.g. DOB, SSN, residence address elements, etc. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots. Example of this would be a voter has a change in address. This would be classified as "in flight". If the user cannot figure out the voter address, the user would put this record into pending status. There is 1 active and 1 pending (duplicate).
VR-1.2.1.15	S	Transactional Metadata	Does the Solution provide for the capture of transactional metadata about the voter registration application, including but not limited to: a) the postmark date of registration (for mailed registration), b) date of receipt by a third party (if any), c) date of receipt by the registrar, d) date of processing, e) the method by which the request was received, f) the registration form used, and g) the language of the form used or preferred language? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-416)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Local election staff can create custom scan templates to include any form (VR-1.2.1.16) the county election staff receives from Voter Response forms, Driver License, DMV forms, Federal Registration Forms, returned responses, and more to create the workable queues of like documents (VR-1.2.1.15). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots. The solution captures the data elements coming in and going out. The solution also captures signature date, effective date, and registration date. The data that is processed is captured in a data log. The method the application/registration (e.g., in-person, a voter drive, DMV) is received and the date the application is received are both captured. Any missing transactional metadata can be added to the system.

VR-1.2.1.16	F	Voter Registration Application Forms	Does the Solution support the recording of information contained on forms prescribed by ELECT, and the National Voter Registration Act (NVRA) form? Please describe.	Y	NVRA	Yes	Supplier will ensure its SVRS fulfills the Requirement. Local election staff can create custom scan templates to include any form (VR-1.2.1.16) the county election staff receives from Voter Response forms, Driver License, DMV forms, Federal Registration Forms, returned responses, and more to create the workable queues of like documents (VR-1.2.1.15). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots.
VR-1.2.1.17	F	Statistics Generation	Does the Solution provide for the storage of metadata for required statistical reports? Please describe.	Y	HAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. Users can utilize the SVRS Data Analytics tools to produce any number of statistical reports, or formal standardized reports can be created as defined by the Commonwealth of Virginia (VR-1.2.1.17). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots.
VR-1.2.1.18	F	National Voter Registration Act (NVRA) Statistics Generation	Does the Solution provide for the recording of the source from which a voter registration originated? Please describe.	Y	NVRA	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS allows system users to scan single paper registration and bulk paper registrations (VR-1.2.1.1), or attach saved files individually or add to a bulk queue (VR-1.2.1.10.1). The system groups scanned/attached documents into work queues of like documents. These have their Received Date, Source (VR-1.2.1), and Method—as well as other details that are used to generate NVRA statistical reporting (VR-1.2.1.18). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots.
VR-1.2.1.18.1	F	Corrections to Registrations	Does the Solution allow for the user to correct a data entry error in an existing voter registration record without generating new NVRA statistics? Please describe.	Y	NVRA	Yes	Supplier will ensure its SVRS fulfills the Requirement. Yes, as detailed in VR-1.1: Manage Voter, the voter record can be directly edited. This does not overwrite existing NVRA statistics (VR-1.2.1.18.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots.
VR-1.2.1.19	F	Election Administration and Voting Survey (EAVS) Section A Statistics	Does the Solution support the collection of statistics required to answer questions contained within the Election Administration and Voting Survey (EAVS) Section A? Please describe.	Y	EAVS	Yes	Supplier will ensure its SVRS fulfills the Requirement. All elements of the voter record are saved, making it possible to generate the necessary information for any statistical analysis or reporting, including EAVS (VR-1.2.1.19). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots.
VR-1.2.1.20	S	Voter Registration History	Does the Solution support the storage and retrieval of the transactional history of the voter registration record? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. All edits to the voter record are captured on the History tab for the voter record (VR-1.2.1.20). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.2 for more details and screenshots. The solution is very granular and tracks transactional data of the voter.
VR-1.3	F, S, R	Qualify Voter Registration					
VR-1.3.1		Automatically Determine Registration Completeness	Does the Solution assist the user in determining if a voter registration application is complete? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Minimum Required Fields are enforced by SVRS in order to save a voter record as Active (VR-1.3.1). These fields at present are Last Name, DOB, DL (VR-1.2.1.4) or SSN (VR-1.2.1.4), Language, Party, and valid Residence address. Additional field validations or requirements, such as Middle Name, can be added as needed by Virginia (VR-1.3.1.2) (VR-1.3.1.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.3 for more details and screenshots.
VR-1.3.1.1	S	Information Material to Voter Registration	Does the Solution identify the content that is material to a voter registration, including, at a minimum, first name, last name, residence address, city/town, zip code, date of birth, whether the voter has been disqualified from voting, and whether those rights have been restored? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-418)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS validates if the voter is eligible (VR-1.3.3), and if eligibility rights were restored when performing voter validations (VR-1.3.1.1). This is done currently with the State of California. Currently in SVRS, applicants who are registered felons, are placed in the Canceled status and are not considered voters. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.3 for more details and screenshots.
VR-1.3.1.2	S	Middle Name Requirement	Does the Solution provide for interpretation in the absence of a middle name as a material omission, unless the applicant indicates they do not have a middle name? Please describe.	Y	Code of Virginia - Administrative Code - TITLE 1, Chapter 40	Yes	Supplier will ensure its SVRS fulfills the Requirement. Minimum Required Fields are enforced by SVRS in order to save a voter record as Active (VR-1.3.1). These fields at present are Last Name, DOB, DL (VR-1.2.1.4) or SSN (VR-1.2.1.4), Language, Party, and valid Residence address. Additional field validations or requirements, such as Middle Name, can be added as needed by Virginia (VR-1.3.1.2) (VR-1.3.1.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.3 for more details and screenshots.
VR-1.3.1.3	S	Signature Requirement	Does the Solution provide for interpretation in the absence of a signature as a material omission, unless the applicant indicates they are unable to sign due to a disability? Please describe.	P	Code of Virginia - Administrative Code - TITLE 1, Chapter 40	Yes	Supplier will ensure its SVRS fulfills the Requirement. The infrastructure exists to support this validation; however, the system does not currently enforce signature images (VR-1.3.1.3). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.3 for more details and screenshots. A signed affidavit puts an absence signature in a pending status. Solution will be configured to enforce signature image and validation.
VR-1.3.1.4	S	Social Security Requirement	Does the Solution provide for interpretation in the absence of a social security number (whole or part) as a material omission, unless the applicant indicates they were never issued a social security number? Please describe.	Y	Code of Virginia - Administrative Code - TITLE 1, Chapter 40	Yes	Supplier will ensure its SVRS fulfills the Requirement. Minimum Required Fields are enforced by SVRS in order to save a voter record as Active (VR-1.3.1). These fields at present are Last Name, DOB, DL (VR-1.2.1.4) or SSN (VR-1.2.1.4), Language, Party, and valid Residence address. Additional field validations or requirements, such as Middle Name, can be added as needed by Virginia (VR-1.3.1.2) (VR-1.3.1.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.3 for more details and screenshots.
VR-1.3.2	S	Seventeen Year Old Voters	Does the Solution provide for automatically determining if an applicant who will be 18 by the next general election is eligible to register to vote? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-403)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Minimum age of early applicants is a system configuration item—California has theirs set to 16, and Virginia would define this per their current laws. Early Registrants automatically move to Active status on their 18th birthday (VR-1.3.2) assuming all other validations for an Active voter are met. Pending, Underage voters who are 18 on or before an election day, and who are otherwise eligible, are added to an election workspace. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.3 for more details and screenshots.
VR-1.3.3	F	Prohibited Voters	Does the Solution provide for the ability to screen voters against a list of people who are prohibited from registering to vote? Please describe.	Y	US House Code, Federal Election Administration - Chapter 209	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS validates if the voter is eligible (VR-1.3.3), and if eligibility rights were restored when performing voter validations (VR-1.3.1.1). This is done currently with the State of California. Currently in SVRS, applicants who are registered felons, are placed in the Canceled status and are not considered voters. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.3 for more details and screenshots.

VR-1.3.4		Incomplete Registrations Not Added to Eligible Voter List	Does the Solution provide for determining that if a registration has been processed as incomplete (any registration that contains a material omission), it must not be added to the list of eligible voters for any election? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. For registrations that are too incomplete to even move the voter into a Pending status to begin issuing correspondence too, the user can simply delete the image—akin to placing the paper form in an actual recycling bin. However, if there is enough information to contact the Voter, SVRS offers a Pending status to allow staff a record to work with in their attempt to rectify the missing data elements (VR-1.3.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.3 for more details and screenshots. If the application is incomplete and the user cannot contact the voter, then the registration can be deleted. An active voter only describes an eligible voter. A status of pending, inactive or cancelled, are not an eligible voter; however, this can be modified in the system depending on the Commonwealth's requirements. Inactive registrants must be included.
VR-1.3.5	S, F	Registration on Approved Form	Does the Solution support that an application to register to vote must appear on a form prescribed by ELECT, or digital representations thereof? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-418) HAVA NVRA	Yes	Supplier will ensure its SVRS fulfills the Requirement. Jurisdictions can enter any form that is appropriate to accept into the county (VR-1.3.5). The only forms available in the Form drop-down when adding records are the ones defined in system configuration by the jurisdiction. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.3 for more details and screenshots.
VR-1.4	F, S, R	Address Handling					
VR-1.4.1	F	Address Handling	Does the Solution provide the ability to record and validate addresses provided by the applicant? Please describe.	Y	HAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS accommodates both standard (VR-1.4.5) and non-standard types (VR-1.4.6) of Virginia residential addresses (VR-1.4.1), including flagging any restricted addresses (e.g., business addresses) that an applicant may not register at (VR-1.4.8.1) (VR-1.4.12) or if the standard address requires a mailing address (VR-1.4.10) (VR-1.4.8). (VR-1.4.4) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.4 for more details and screenshots.
VR-1.4.2	S	Mailing Addresses	Does the Solution provide the ability to capture a mailing address in addition to any residence address provided by the applicant? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-418)	Yes	Supplier will ensure its SVRS fulfills the Requirement. After entering in the Record's key data, and residential address, the user would continue to fill out the remaining registration fields, including Mailing Address (Domestic or International) (VR-1.4.2) (VR-1.4.2.1) (VR-1.4.3), Email, Phone Number, Political Party Preference, Prior Registration Information, and declaration of US citizenship. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.4 for more details and screenshots.
VR-1.4.2.1	F	Mailing Address Classifications	Does the Solution provide the ability to capture the following classes of mailing addresses? • Numbered thoroughfare address, with optional sub address units (e.g. APT, STE, etc.) • Landmark class • United State Postal Service (USPS) Delivery Box (e.g. PO BOX) • USPS General Delivery Point • USPS Postal Delivery Route (e.g. RR, APO, DPO, etc.) Please describe.	Y	FGDC.gov	Yes	Supplier will ensure its SVRS fulfills the Requirement. After entering in the Record's key data, and residential address, the user would continue to fill out the remaining registration fields, including Mailing Address (Domestic or International) (VR-1.4.2) (VR-1.4.2.1) (VR-1.4.3), Email, Phone Number, Political Party Preference, Prior Registration Information, and declaration of US citizenship. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.4 for more details and screenshots. The solution captures data elements like house and business addresses. Distinctions between mailing and residential can be flagged in the system.
VR-1.4.3	F	Mailing Address Country	Does the Solution provide the ability to capture the country where the mailing address is located? Please describe.	Y	UOCAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. After entering in the Record's key data, and residential address, the user would continue to fill out the remaining registration fields, including Mailing Address (Domestic or International) (VR-1.4.2) (VR-1.4.2.1) (VR-1.4.3), Email, Phone Number, Political Party Preference, Prior Registration Information, and declaration of US citizenship. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.4 for more details and screenshots.
VR-1.4.4		Automatically Determine Address Completeness	Does the Solution provide, for all residence addresses and domestic mailing addresses, the ability to automatically determine if an address contains all the required elements? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS accommodates both standard (VR-1.4.5) and non-standard types (VR-1.4.6) of Virginia residential addresses (VR-1.4.1); including flagging any restricted addresses (e.g., business addresses) that an applicant may not register at (VR-1.4.8.1) (VR-1.4.12) or if the standard address requires a mailing address (VR-1.4.10) (VR-1.4.8). (VR-1.4.4) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.4 for more details and screenshots. The solution allows for auto completion of standard addresses.
VR-1.4.5	F	Address Standardization	Does the Solution provide, for all residence addresses and domestic mailing addresses, the ability to standardize an address to a standard or set of standards specified by ELECT? Please describe.	Y	HAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS accommodates both standard (VR-1.4.5) and non-standard types (VR-1.4.6) of Virginia residential addresses (VR-1.4.1); including flagging any restricted addresses (e.g., business addresses) that an applicant may not register at (VR-1.4.8.1) (VR-1.4.12) or if the standard address requires a mailing address (VR-1.4.10) (VR-1.4.8). (VR-1.4.4) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.4 for more details and screenshots. The system can use smarty streets to standardize international addresses. Solution will be configured to standardize all residential addresses and domestic mailing addresses as per ELECT specified standards.
VR-1.4.6	S	Landmark Addresses	Does the Solution support free form address entry for voters who do not have residence associated with a thoroughfare or who are homeless? Please describe.	Y	Code of Virginia - Administrative Code - TITLE 1, Chapter 40	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS accommodates both standard (VR-1.4.5) and non-standard types (VR-1.4.6) of Virginia residential addresses (VR-1.4.1); including flagging any restricted addresses (e.g., business addresses) that an applicant may not register at (VR-1.4.8.1) (VR-1.4.12) or if the standard address requires a mailing address (VR-1.4.10) (VR-1.4.8). (VR-1.4.4) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.4 for more details and screenshots. The solution allows for toggle to non-standard to manually input cross streets and location reference. The solution can also utilize GIS mapping precincts automatically.
VR-1.4.7		Validation of Locality	Does the Solution provide the ability to identify if the location of a domestic address falls within the validating locality? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS includes predictive type-ahead for standard addresses within the user's jurisdiction. Residence addresses for active voters are constantly associated to a latitude / longitude and/or precinct-portion (VR-1.4.7) (VR-1.4.14). Non-standard addresses either get a precinct-portion by pin-drop on a map, or by manual user selection (VR-1.4.14.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.4 for more details and screenshots.
VR-1.4.8	S	Abodes	Does the Solution provide the ability to identify residence addresses that do not contain places of residence? Please describe.	Y	Code of Virginia - Administrative Code - TITLE 1, Chapter 40	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS accommodates both standard (VR-1.4.5) and non-standard types (VR-1.4.6) of Virginia residential addresses (VR-1.4.1); including flagging any restricted addresses (e.g., business addresses) that an applicant may not register at (VR-1.4.8.1) (VR-1.4.12) or if the standard address requires a mailing address (VR-1.4.10) (VR-1.4.8). (VR-1.4.4) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.4 for more details and screenshots.

VR-1.4.8.1	S	Residency Rules	Does the Solution provide the ability to enforce the business rules regarding addresses and residency? Please describe.	Y	Code of Virginia - Administrative Code - TITLE 1, Chapter 40	Yes	Supplier will ensure its SVRS fulfills the Requirement.SVRS accommodates both standard (VR-1.4.5) and non-standard types (VR-1.4.6) of Virginia residential addresses (VR-1.4.1); including flagging any restricted addresses (e.g., business addresses) that an applicant may not register at (VR-1.4.8.1) (VR-1.4.12) or if the standard address requires a mailing address (VR-1.4.10) (VR-1.4.8). (VR-1.4.4) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.4 for more details and screenshots. The solution allows the user to flag addresses for mailing, apartment units, and rural areas. For confidential voters, Supplier will work with Elect on how to define address for this type of voter.
VR-1.4.9		Location of Mailing Address	Does the Solution determine if a domestic mailing address corresponds to the same locality as the residence address? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement.The distinction for domestic out of state or international address is based on if the state or country is different from the jurisdiction where the voter is registered and is determined by SVRS (VR-1.4.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.4 for more details and screenshots.
VR-1.4.10	S	Mailability of Residence Address	Does the Solution determine that a residence address must be deliverable via the United State Postal Service (USPS) or an alternative mailing address must be provided? Please describe.	Y	Code of Virginia - Administrative Code - TITLE 1, Chapter 40	Yes	Supplier will ensure its SVRS fulfills the Requirement.SVRS accommodates both standard (VR-1.4.5) and non-standard types (VR-1.4.6) of Virginia residential addresses (VR-1.4.1); including flagging any restricted addresses (e.g., business addresses) that an applicant may not register at (VR-1.4.8.1) (VR-1.4.12) or if the standard address requires a mailing address (VR-1.4.10) (VR-1.4.8). (VR-1.4.4) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.4 for more details and screenshots.
VR-1.4.11	S	Permanent Residence	Does the Solution determine that an address must correspond to dwelling that is permanent in nature? Please describe.	Y	Code of Virginia - Administrative Code - TITLE 1, Chapter 40	Yes	Supplier will ensure its SVRS fulfills the Requirement.SVRS allows for users to flag certain addresses and address ranges, and can be modified to add flags specific to the business needs in the Commonwealth of Virginia (VR-1.4.11) (VR-1.4.13). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.4 for more details and screenshots.
VR-1.4.12	S	Use of Building	Does the Solution determine that an address must be zoned or otherwise indicated for residential use? Please describe.	Y	Code of Virginia - Administrative Code - TITLE 1, Chapter 40	Yes	Supplier will ensure its SVRS fulfills the Requirement.SVRS accommodates both standard (VR-1.4.5) and non-standard types (VR-1.4.6) of Virginia residential addresses (VR-1.4.1); including flagging any restricted addresses (e.g., business addresses) that an applicant may not register at (VR-1.4.8.1) (VR-1.4.12) or if the standard address requires a mailing address (VR-1.4.10) (VR-1.4.8). (VR-1.4.4) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.4 for more details and screenshots.
VR-1.4.13	S	Approved Inquiry as to Residency	Does the Solution provide the ability to identify any application that violates any of the rules of the Code of Virginia, and therefore must receive a form inquiring as to residency of the voter? Please describe.	Y	Code of Virginia - Administrative Code - TITLE 1, Chapter 40, Supplemental Questions	Yes	Supplier will ensure its SVRS fulfills the Requirement.SVRS allows for users to flag certain addresses and address ranges, and can be modified to add flags specific to the business needs in the Commonwealth of Virginia (VR-1.4.11) (VR-1.4.13). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.4 for more details and screenshots.
VR-1.4.14		Match Address to Precinct and Districts	Does the Solution support the ability to match registration address to precinct and districts based on GIS (i.e., point address)? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement.SVRS includes predictive type-ahead for standard addresses within the user's jurisdiction. Residence addresses for active voters are constantly associated to a latitude / longitude and/or precinct-portion (VR-1.4.7) (VR-1.4.14). Non-standard addresses either get a precinct-portion by pin-drop on a map, or by manual user selection (VR-1.4.14.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.4 for more details and screenshots.
VR-1.4.14.1		Manually Assign Registration Precinct and Districts	Does the Solution support the ability to manually assign registration precinct and districts based on GIS (i.e., point address)? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement.SVRS includes predictive type-ahead for standard addresses within the user's jurisdiction. Residence addresses for active voters are constantly associated to a latitude / longitude and/or precinct-portion (VR-1.4.7) (VR-1.4.14). Non-standard addresses either get a precinct-portion by pin-drop on a map, or by manual user selection (VR-1.4.14.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.4 for more details and screenshots.
VR-1.5	F, S, R	Close of Registration					
VR-1.5.1		Registration Deadlines	Does the Solution support the continuous processing of voter registrations applications, including during close of registration periods? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement.There is no need for data entry "black-outs" in SVRS. SVRS is designed to allow voter records to be continuously updated (VR-1.5.1) while elections are in flight. Paper or online registrations, updates via the Public Portal or other agencies can remain 24/7/365. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.5 for more details and screenshots.
VR-1.5.2		Determination of Close of Registration	Does the Solution determine the voters whose geographies are subject to a close of registration for a given election? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The Close of Registration for an election is defined within an Election workspace. The Election workspace continues to receive updates from the primary Voter record for changes effective on or before the Close of Registration. For example, paper registrations processed after the close would be dated effective prior to the close and therefore would update the election workspace (VR-1.5.5). This can be for multiple, overlapping, or dual elections—wherever the voter is eligible (VR-1.5.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.5 for more details and screenshots.
VR-1.5.3		Official List of Eligible Voters	Does the Solution provide for filtering voter registrations that were not applicable to the current election from the list of eligible voters? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The SVRS infrastructure logically separates the voter service from the election service. Only eligible voters exist inside of election workspace(s), and the official list of eligible voters are generated from the election service (VR-1.5.3). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.5 for more details and screenshots.
VR-1.5.4	S	Denial of Incomplete Registrations at Close of Registration	Does the Solution provide for identification of registrations that are in incomplete status, and waiting for additional information from the applicant at the close of registration, and designate that such voter registration applications must be denied? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-416)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS, by default, contains four primary voter statuses: Active, Inactive, Pending, and Canceled. Active voters within the election boundaries receive generated ballots and appear as eligible voters within an election workspace (VR-1.5.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.5 for more details and screenshots. For a pending applications, the user can use the preferred method of the voter for communication.
VR-1.5.5	S	Accept Certain Registrations After Close of Registration	Does the Solution provide for processing voter registrations received by mail up to five days after the close of registration, that must not be denied for reason of not being timely from the list of eligible voters for the current election, if the postmark is missing or illegible? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-416.4)	Yes	Supplier will ensure its SVRS fulfills the Requirement.The Close of Registration for an election is defined within an Election workspace. The Election workspace continues to receive updates from the primary Voter record for changes effective on or before the Close of Registration. For example, paper registrations processed after the close would be dated effective prior to the close and therefore would update the election workspace (VR-1.5.5). This can be for multiple, overlapping, or dual elections—wherever the voter is eligible (VR-1.5.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.5 for more details and screenshots. The solution is built on an election of 24/7.

VR-1.5.6	S	Accept Registrations of Uniformed and Overseas Civilians (UOCAVA) After Close of	Does the Solution allow in-person registration after the close of registration for registrants meeting the following situations, and produce a record of the qualifying situation? 1) Active duty members of the uniformed services, their spouses, and dependents residing with them, who, by reason of such active duty, meet one of the following criteria: a) Are normally absent from the locality in which they	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-420.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The ability to define UOCAVA voters and election-specific addresses is managed on the voter record directly (VR-1.5.6). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.5 for more details and screenshots. For UOCAVA voter, this would have another validation date. Solution will be configured to meet the criteria of the requirement.
VR-1.5.7		Late Registration Correspondence	Does the Solution provide for the generation of correspondence letters informing the applicant that their voter registration application will be applied to a subsequent election? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS provides a robust in-built Notification system that allows users to create or modify Notifications without the need to contact Developers (VR-1.5.7). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.5 for more details and screenshots. Any new notification can be created and easily built within the solution, so when a voter meets a specific condition an automatic unique notice will be generated. Solution will be configured to meet the criteria of the requirement.
VR-1.6	F, S, R	Voter Registration Communications Management					
VR-1.6.1	S	Disposition of Registration Correspondence	Does the Solution provide for the generation of correspondence letters informing the applicant of the disposition of their voter registration application, with correspondence localizable in multiple languages? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS provides a robust in-built Notification system that allows users to create or modify Notifications without the need to contact Developers (VR-1.6.1) (VR-1.6.1.2) (VR-1.6.1.3) (VR-1.6.1.3.2). This includes the ability to define extract data fields in JSON, .CSV, and TAB delimited formats for the purpose of sending to print vendors as well as extracting the fields, including Status Reason (VR-1.6.1.3.1) to create and upload custom Mail Merge formats directly into the system. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.6 for more details and screenshots.
VR-1.6.1.1	S	Voter Registration Acknowledgment	Does the Solution provide for the generation of correspondence letters informing the applicant of their accepted registration application? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. All custom Notices can be managed by system admins to apply new versions of their formats or extract fields. Only notices that become tied to automated generation workflows, such as the Voter Notification Card / Voter Registration Acknowledgment (VR-1.6.1.1), which are protected and cannot be deleted—but can be otherwise managed. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.6 for more details and screenshots. The solution will generate an automatic voter notification card. For redistricting a new notice will be queued automatically. Specific language can be built within the system.
VR-1.6.1.2	S	Incomplete Registration Correspondences	Does the Solution provide for the generation of correspondence letters informing the applicant of material omissions on their voter registration applications? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-418)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS provides a robust in-built Notification system that allows users to create or modify Notifications without the need to contact Developers (VR-1.6.1) (VR-1.6.1.2) (VR-1.6.1.3) (VR-1.6.1.3.2). This includes the ability to define extract data fields in JSON, .CSV, and TAB delimited formats for the purpose of sending to print vendors as well as extracting the fields, including Status Reason (VR-1.6.1.3.1) to create and upload custom Mail Merge formats directly into the system. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.6 for more details and screenshots. Solution will be configured to meet the criteria of the Requirement.
VR-1.6.1.3	S	Denial Notice Correspondence	Does the Solution provide for the generation of correspondence letters informing the applicant of the denial of their voter registration application? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS provides a robust in-built Notification system that allows users to create or modify Notifications without the need to contact Developers (VR-1.6.1) (VR-1.6.1.2) (VR-1.6.1.3) (VR-1.6.1.3.2). This includes the ability to define extract data fields in JSON, .CSV, and TAB delimited formats for the purpose of sending to print vendors as well as extracting the fields, including Status Reason (VR-1.6.1.3.1) to create and upload custom Mail Merge formats directly into the system. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.6 for more details and screenshots. Solution will be configured to meet the criteria of the Requirement.
VR-1.6.1.3.1	S	Denial Notice Reason	Does the Solution provide the ability to automatically construct the text required to convey the reason(s) why a voter registration was denied? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS provides a robust in-built Notification system that allows users to create or modify Notifications without the need to contact Developers (VR-1.6.1) (VR-1.6.1.2) (VR-1.6.1.3) (VR-1.6.1.3.2). This includes the ability to define extract data fields in JSON, .CSV, and TAB delimited formats for the purpose of sending to print vendors as well as extracting the fields, including Status Reason (VR-1.6.1.3.1) to create and upload custom Mail Merge formats directly into the system. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.6 for more details and screenshots.
VR-1.6.1.3.2		Denial Notice Customization	Does the Solution provide a mechanism for the user to enter a freeform denial reason, in addition to any generated by the solution, on a per registration basis? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS provides a robust in-built Notification system that allows users to create or modify Notifications without the need to contact Developers (VR-1.6.1) (VR-1.6.1.2) (VR-1.6.1.3) (VR-1.6.1.3.2). This includes the ability to define extract data fields in JSON, .CSV, and TAB delimited formats for the purpose of sending to print vendors as well as extracting the fields, including Status Reason (VR-1.6.1.3.1) to create and upload custom Mail Merge formats directly into the system. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.6 for more details and screenshots.
VR-1.7	F, S, R	Correspondence and Document Management & Reports					
VR-1.7.1		Document Management	Does the Solution support the electronic storage of all documents related to voter registration? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Any additional images (VR-1.2.1.10) can be uploaded (VR-1.7.4) or scanned (VR-1.7.2) to the Images tab on the voter record (VR-1.7.1), including proof of identification or citizenship. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.7 for more details and screenshots. The solution supports the electronic storage of voter registration documents including correspondences, images and attachments.
VR-1.7.2		Scanned Documents	Does the Solution support the acquisition of documents directly from a scanner, as well as an electronic file containing an image? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Any additional images (VR-1.2.1.10) can be uploaded (VR-1.7.4) or scanned (VR-1.7.2) to the Images tab on the voter record (VR-1.7.1), including proof of identification or citizenship. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.7 for more details and screenshots. The solution allows for a running history of correspondence. Correspondence will be placed on one tab and images and signatures on another tab. The solution has the ability to upload files or do a bulk scan.

VR-1.7.3		Surrogate Paper Voter Registration Applications	Does the Solution provide the ability to produce printable representations of digital voter registration applications in a form similar to that of a paper registration, such as those from the Department of Motor Vehicles (DMV), and provide for the ability to automatically attach them to the voter's record? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. The infrastructure exists to do this. A digitized image receipt of a DMV or Online Portal registration can be created and added to the Image tab (VR-1.7.3), this is not a present feature, but all of the data is there to do so. Typically, there is a custom notice called "Receipt of Registration" that can be added to display the current data on the voter's record. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.7 for more details and screenshots. Solution will be configured to add Commonwealth's particular text form.
VR-1.7.4		Emailed Documents	Does the Solution support the capture and storage of electronic mail and attachments? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Any additional images (VR-1.2.1.10) can be uploaded (VR-1.7.4) or scanned (VR-1.7.2) to the Images tab on the voter record (VR-1.7.1), including proof of identification or citizenship. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.7 for more details and screenshots. The user would print and save the pdf document and then scan and attach to the voter record.
VR-1.7.4.1		Affirmation By Voter of Correspondence Delivery By Email	Does the Solution support affirmation by a voter of correspondence delivery by email and capture of the voter's email address? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS captures e-mail and "notice email" on the Voter Record for voters who wish to forgo printed documentation/notices. This is currently used in the State of California for electronic "opt in" by voters for their Voter Information Guide and Sample Ballots. This can be expanded to be used for Voter Correspondence by E-mail (VR-1.7.4.1) and Text (VR-1.7.5). Integration with Virginia's existing Messaging services would have to be configured. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.7 for more details and screenshots.
VR-1.7.5		Affirmation By Voter of Correspondence Delivery By Text Message	Does the Solution support affirmation by a voter of correspondence delivery by text message and capture of the voter's cell phone number? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS captures e-mail and "notice email" on the Voter Record for voters who wish to forgo printed documentation/notices. This is currently used in the State of California for electronic "opt in" by voters for their Voter Information Guide and Sample Ballots. This can be expanded to be used for Voter Correspondence by E-mail (VR-1.7.4.1) and Text (VR-1.7.5). Integration with Virginia's existing Messaging services would have to be configured. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.7 for more details and screenshots.
VR-1.7.6	S	Signature Capture	Does the Solution support the capture of signatures from electronic sources, with a signature history that captures all signatures for a voter, and allows an authorized user to change to a different signature if a newer one exists? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-416.7)	Yes	Supplier will ensure its SVRS fulfills the Requirement. If the most-current signature is not appropriate for the voter's record, then user can go in and crop a new signature from any associated documentation on the Images tab of the voter's record. This includes electronic signatures imported from the DMV or other sources. (VR-1.7.6). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.7 for more details and screenshots.
VR-1.7.7		Document Metadata	Does the Solution support the creation and storage of metadata associated with a document, including the document type, date, and comments? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS allows system users to scan single paper registration and bulk paper registrations, or attach saved files individually or add to a bulk queue. When the user is adding a new image, the system collects metadata information such as form type, received date, source, method, date scanned, user scanned, and user processed (VR-1.7.7). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.7 for more details and screenshots.
VR-1.7.8		Document Association	Does the Solution support the association of one or more documents to the voter record, as well as parts of their record or transaction history, such as a voter registration transaction? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The users can create any template form to capture signatures or different types of forms to associate to scanned or uploaded documents (VR-1.7.8). Voter Registration updates to the voter record via this process are recorded in the records transaction audit log. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.7 for more details and screenshots.
VR-1.7.9	S	Voter Registration Reports	Does the Solution provide the ability to produce reports containing voter registration data stored in the Solution? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-405)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS includes a robust data analytics tool, robust voter search (as described in more detail in Section VR-1.2 "Registration Data Entry and Processing") (VR-1.7.9.2) as well as standardized reports in the Reports module (VR-1.7.9.1). These reports pull from the data stored and managed in the voter service. (VR-1.7.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.7 for more details and screenshots.
VR-1.7.9.1	S	Lists of Registered Voters	Does the Solution provide the ability to produce reports containing the names of registered voters, and associated information? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-405)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS includes a robust data analytics tool, robust voter search (as described in more detail in Section VR-1.2 "Registration Data Entry and Processing") (VR-1.7.9.2) as well as standardized reports in the Reports module (VR-1.7.9.1). These reports pull from the data stored and managed in the voter service. (VR-1.7.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.7 for more details and screenshots.
VR-1.7.9.2	S	Lists of Voter's Addresses	Does the Solution provide the ability to produce reports containing the addresses of registered voters without any other personally identifiable information (PII)? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-405)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS includes a robust data analytics tool, robust voter search (as described in more detail in Section VR-1.2 "Registration Data Entry and Processing") (VR-1.7.9.2) as well as standardized reports in the Reports module (VR-1.7.9.1). These reports pull from the data stored and managed in the voter service. (VR-1.7.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.7 for more details and screenshots.
VR-1.7.9.3	S	Redaction of Social Security Number	Does the Solution provide the ability to produce any report with the social security number conditionally redacted? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. Currently, SVRS masks Confidential Voter data, including SSN, Address, DOB, or any other PII by default. Only privileged users can unmask this data. Additional masking requirements can be added, such as SSN for all voters—or specific Public Facing reports can be created (VR-1.7.9.3). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.7 for more details and screenshots.
VR-1.7.9.4	S	Substitution of Residence Address	Does the Solution provide the ability to produce reports that substitute the residence address with a post office box address provided by the voter? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-418)	Yes	Supplier will ensure its SVRS fulfills the Requirement. When mailing a voter correspondence, the system selects the correct address based on address hierarchy, which for elections may include an election-specific address (such as a winter residence in Florida); For reporting purposes, this is the "Mail To" address (VR-1.7.9.4) which utilizes this hierarchy. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.7 for more details and screenshots.
VR-1.7.10	S	Notification of Locality Transfer	Does the Solution provide a notification when a voter registration record has been moved in or out of the locality? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. Similar to the description of "Transfer Voter" (VR-1.7.10), SVRS includes the ability to "Push Voter" to another jurisdiction. This appears in this receiving jurisdiction's List Maintenance module; if rejected (VR-1.7.10.1), the voter remains in the original jurisdiction. In its California implementation, the state currently requires "proof" of the move in the form of a scanned or uploaded document, any process deviation from the current implementation can be modified to fit the needs of Virginia. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.7 for more details and screenshots.
VR-1.7.10.1	S	Denial of Transfer	Does the Solution allow the transferring locality to deny the transfer, so that a denied transfer leaves the voter registration record in the transferring locality unchanged, and allows the registration in the transferee locality to take place? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. Similar to the description of "Transfer Voter" (VR-1.7.10), SVRS includes the ability to "Push Voter" to another jurisdiction. This appears in this receiving jurisdiction's List Maintenance module; if rejected (VR-1.7.10.1), the voter remains in the original jurisdiction. In its California implementation, the state currently requires "proof" of the move in the form of a scanned or uploaded document, any process deviation from the current implementation can be modified to fit the needs of Virginia. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.1.7 for more details and screenshots.

"Official" RFP #'s	Federal, State, Regulatory	ELECT Specification Title	Requirement	Implementation Status Yes (Y) Partial (P) Future (F) No (N)	Reference links to fulfill the listed requirement. <i>The links to any Federal, State or Regulatory requirements are provided for the Supplier to reference and review to ensure compliance.</i>	ELECT Must Have	ELECT Proposed Final Contract language/remaining questions/clarifications
Election Administration (64)							
EA-2.1	F, S, R	Manage Elections					
EA-2.1.1		Election Search and Filter	Does the Solution provide the authorized user with the capability to search and filter for an election using different combinations of criteria? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Election staff can search (EA-2.1.1) for any election in the jurisdiction and apply it as their new election workspace, or create a new election. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.1 for more details and screenshots. The solution allows for search by name or partial and certified and date ranges. Additional search fields can be added.
EA-2.1.2	S	Maintain an Election	Does the Solution provide the authorized user with the capability to maintain information specific to an election, including election type: general, primary, special, and local, and with relevant dates for: election, registration, absentee voting, petitions, and, in case of primary elections, next general election? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4	Yes	Supplier will ensure its SVRS fulfills the Requirement. The current, default election for a specific user is displayed constantly on the SVRS perennial header; and includes historical elections. Clicking on the Current Default Election in any module in the system produces a simple prompt that displays key metrics like the current e-day countdown to election day and the user can jump directly into the election record to manage it (EA-2.1.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.1 for more details and screenshots. The solution offered has the ability to auto generate a full election calendar based on election type. The template can be modified and the system currently provides 14 dates can be defined.
EA-2.1.3		Association of Office to Election	Does the Solution provide the authorized user with the capability to automatically associate offices to elections based on a schedule of elections, i.e., using the office type, length of term, and term dates? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. During election creation, positions that are up for re-election for the specific election type and year are presented to the user to add to the election (EA-2.1.3). This process also pulls in current position holders as incumbent candidates. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.1 for more details and screenshots. The solution provides the position holder module (offices and candidates), the normal election cycle, election run type, and election date. When user creates an election, the system will populate the election calendar. Solution will auto associate offices based on the election key information. All potential elections will display. The solution prepopulates some candidate pieces, and will pull all the incumbents as a default and will need to sort and add.
EA-2.1.4	S	Manage Primaries	Does the Solution provide the authorized user with the capability to create and manage dual primary elections, including the cancellation of a primary? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 5	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS is designed specifically to host overlapping elections; While SVRS prevents duplicate elections of the same Date/Type/Jurisdiction, it allows for overlapping and dual elections (EA-2.1.4). ELECT needs the ability to run the same type of election (e.g. primaries) on the same day. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.1 for more details and screenshots. For dual primary elections of the same type, the dual may be cancelled. The ballot is generated based on primary and parties. If no longer needed, remove the conditions from the queues if election is no longer being held. Election set up to close primaries to run ballot style, voter party, and election type. No set up to run a duplicate. The Solution will be configured to meet the criteria of the Requirement.
EA-2.1.5	S	Manage Closed Party Primaries	Does the Solution provide the authorized user with the capability to create and manage closed party primaries based on a voter's party affiliation, including the cancellation of a primary? Please describe.	Y	New Virginia Legislation - 2021 Session	Yes	Supplier will ensure its SVRS fulfills the Requirement. In regards to Closed Primaries, this is actually a configuration item. The Commonwealth of Virginia would simply toggle the "Open Primaries?" configuration to False (EA-2.1.5, ERC-7.2.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.1 for more details and screenshots.
EA-2.2	F, S, R	Manage Offices					
EA-2.2.1		Office Search and Filter	Does the Solution provide the authorized user with the capability to search and filter for an office using different combinations of criteria? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As with all SVRS modules, Position includes a search and extract option for positions. (EA-2.2.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.2 for more details and screenshots. The solution allows for a search position (candidate), offices (positions), office holder (position holder), district type, and shows only positions to the state level. The verbiage in the system can be changed. The solution will be configured to include Office Name, Locality (or Statewide), Office Type (Federal, State, Local) to meet the requirement.
EA-2.2.2	S	Association With District	Does the Solution provide the authorized user with the capability to associate an office with a geopolitical district? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. When adding or editing a new Position, the user must define the District Type and District Name (EA-2.2.2), Ballot Name, Maximum Position Holders (EA-2.2.3), Election Type, Term Years and Start Year (EA-2.2.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.2 for more details and screenshots. Currently, the solution is able to define offices at the district level. This is out of the box feature of the solution. The solution will be configured to allow for offices to be defined by district(s), precinct(s), town precinct(s) or locality(ies) to meet the requirement.
EA-2.2.3	S	Number of Seats	Does the Solution provide the authorized user with the capability to set the maximum number of seats that exist for a given office? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 2	Yes	Supplier will ensure its SVRS fulfills the Requirement. When adding or editing a new Position, the user must define the District Type and District Name (EA-2.2.2), Ballot Name, Maximum Position Holders (EA-2.2.3), Election Type, Term Years and Start Year (EA-2.2.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.2 for more details and screenshots.
EA-2.2.4	S	Office Type, Term Dates	Does the Solution provide the authorized user with the capability to enter type of office, length of term, term dates, and indicate if the office is subject to term expiration, and whether this term applies to a regular or special election? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 2	Yes	Supplier will ensure its SVRS fulfills the Requirement. When adding or editing a new Position, the user must define the District Type and District Name (EA-2.2.2), Ballot Name, Maximum Position Holders (EA-2.2.3), Election Type, Term Years and Start Year (EA-2.2.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.2 for more details and screenshots. The user would create two offices and define the standard length of term, election type and then how many offices will run. In the off cycle, the election is defined, the user would go to the appropriate tab in the workspace and add the election. The defining office and type is tied to the district type at the U.S federal level. At the state level, the defining office and type is created under the district level. The solution must include office type (Federal, State, Local) when defining an office to meet the Requirement.

EA-2.2.5		Venue of Filing	Does the Solution provide the authorized user with the capability to specify the filing venue for each office with either the General Registrar or Department of Elections? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement.Candidate Eligibility such as specific qualifying elements, such as district residency (EA-2.2.6). Filing fees, candidate documents, are managed directly in the Candidate record (EA-2.2.8) (EA-2.2.9) Additional details such as venue of filing can be added for the Commonwealth of Virginia (EA-2.2.5). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.2 for more details and screenshots.
EA-2.2.6	S	Qualification	Does the Solution provide the authorized user with the capability to record the requirements for qualifying to appear on the ballot or otherwise receive votes in an election? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-503) Code of Virginia - TITLE 24.2, Chapter 5 (24.2-506) Code of Virginia - TITLE 24.2, Chapter 5 (24.2-511)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Candidate Eligibility such as specific qualifying elements, such as district residency (EA-2.2.6). Filing fees, candidate documents, are managed directly in the Candidate record (EA-2.2.8) (EA-2.2.9) Additional details such as venue of filing can be added for the Commonwealth of Virginia (EA-2.2.5). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.2 for more details and screenshots.
EA-2.2.7	S, R	Petition Requirement	Does the Solution record if there is a petition signature requirement for an office, petition start and end dates, and the total number of signatures required? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-506) the ELECT Handbook - Chapter 16 Candidate Processing 2020.pdf	Yes	Supplier will ensure its SVRS fulfills the Requirement.Petitions can be linked to Candidate records; this can be added candidate eligibility field as well (EA-2.2.7). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.2 for more details and screenshots.
EA-2.2.8	S	Filing Fee	Does the Solution record if there is a primary filing fee associated for an office, and the amount? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-523)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Candidate Eligibility such as specific qualifying elements, such as district residency (EA-2.2.6). Filing fees, candidate documents, are managed directly in the Candidate record (EA-2.2.8) (EA-2.2.9) Additional details such as venue of filing can be added for the Commonwealth of Virginia (EA-2.2.5). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.2 for more details and screenshots.
EA-2.2.9	S, R	Required Documents	Does the Solution provide the authorized user with the capability to specify which documents are required to be filed for an office sought by a candidate? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-501) Code of Virginia - TITLE 24.2, Chapter 5 (24.2-502) Code of Virginia - TITLE 24.2, Chapter 5 (24.2-505) the ELECT Handbook - Chapter 16 Candidate Processing 2020.pdf	Yes	Supplier will ensure its SVRS fulfills the Requirement.Candidate Eligibility such as specific qualifying elements, such as district residency (EA-2.2.6). Filing fees, candidate documents, are managed directly in the Candidate record (EA-2.2.8) (EA-2.2.9) Additional details such as venue of filing can be added for the Commonwealth of Virginia (EA-2.2.5). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.2 for more details and screenshots.
EA-2.3	F, S, R	Manage Contests					
EA-2.3.1	S	Contests	Does the Solution provide the authorized user with the capability to support the maintenance of contests that may appear on the ballot in a given election? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. Contests can be added, deleted, and modified (EA-2.3.1) until ballots are generated for the voters, including temporary/potential contests or referendums (EA-2.3.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.3 for more details and screenshots.
EA-2.3.1.1	S	Running Mate	Does the Solution allow for contests to include a running mate candidate, in addition to the top-of-the-ticket candidate? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-545)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Candidate who are marked as Winners ("top of the ticket") in a primary, are pushed into the associated General election as candidates for Generals defined during Primary election creation (EA-2.3.1.1). Defining a running mate would be a modification of the Candidate record's "Name as Appears on Ballot" field. (EA-2.3.1.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.3 for more details and screenshots. The user would change the ballot candidate name to add both names to the ticket. The solution will be configured to meet this requirement.
EA-2.3.1.2	S, R	Contest Position on Ballot	Does the Solution allow for contests to be ordered relative to each other? Please describe.	Y	Code of Virginia - TITLE 24.2 the ELECT Handbook - Chapter 16 Candidate Processing 2020.pdf	Yes	Supplier will ensure its SVRS fulfills the Requirement. Position Hierarchy is defined within the position details, this dictates the Contest's position on the ballot in SVRS (EA-2.3.1.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.3 for more details and screenshots.
EA-2.3.2	S, R	Contest Option Ordering	Does the Solution allow for the contest options (e.g. candidates, referendum responses) to be ordered on a per contest basis? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-613) the ELECT Handbook - Chapter 16 Candidate Processing 2020.pdf	Yes	Supplier will ensure its SVRS fulfills the Requirement. Position Hierarchy is defined within the position details, this dictates the Contest's position on the ballot in SVRS (EA-2.3.1.2). SVRS will be customized to add in an election specific Contest Hierarchy if the order differs between elections from standard hierarchy (EA-2.3.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.3 for more details and screenshots.
EA-2.3.2.1	S, R	Default Ordering (Candidates)	For candidate contest options, does the Solution provide the authorized user with the capability to determine the ordering, based on the filing date of the candidate's eligibility documents or political party? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-613) the ELECT Handbook - Chapter 16 Candidate Processing 2020.pdf	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS allows users to define the Alphabetical Random Draw (Candidate Ordering by Last Name) for the election, to sort the candidates. For the Commonwealth of Virginia, other ordering mechanisms for how candidates are ordered on the ballot will be created (EA-2.3.2.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.3 for more details and screenshots.
EA-2.3.3	R	Ballot Title	Does the Solution provide the authorized user with the capability to record the title of the contest as it is to appear on the ballot? Please describe.	Y	the ELECT Handbook - Chapter 16 Candidate Processing 2020.pdf	Yes	Supplier will ensure its SVRS fulfills the Requirement.The contest title is based on the Ballot Title defined in the Position details (EA-2.3.3). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.3 for more details and screenshots.
EA-2.3.4	R	List of Potential Contests	Does the Solution provide the authorized user with the capability to associate contests that may appear on ballot to an election? Please describe.	Y	the ELECT Handbook - Chapter 16 Candidate Processing 2020.pdf	Yes	Supplier will ensure its SVRS fulfills the Requirement. Contests can be added, deleted, and modified (EA-2.3.1) until ballots are generated for the voters, including temporary/potential contests or referendums (EA-2.3.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.3 for more details and screenshots.
EA-2.3.5	S	Shared Town Contests	Does the Solution identify shared offices in town contests, and provide the authorized user with the capability to designate which participating town provides management for election night reporting and certification? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-601)	Yes	Supplier will ensure its SVRS fulfills the Requirement.The SVRS roadmap includes the ability to do shared districts with owners (EA-2.3.5), due to current implementations it is separated at county boundaries. This would allow district owners to share elections and boundaries, but still maintain the voters independently for those living in differing jurisdictions (ex: School districts that cross into multiple jurisdictions) (EA-2.3.6). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.3 for more details and screenshots. The solution provides a jurisdiction of control for which the roles are clearly defined in the system. The system provides the jurisdiction of control/district owner with the data from the jurisdiction not in control. This requires a data migration effort so the jurisdictions are not seen as separate.

EA-2.3.6		Shared Constitutional Offices	Does the Solution identify shared constitutional offices and identify which participating locality provides management for such contests? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Yes, the system and GIS infrastructure allows for it; The SVRS roadmap includes the ability to do shared districts with owners (EA-2.3.5) due to current implementations it is separated at county boundaries. This would allow district owners to share elections and boundaries, but still maintain the voters independently for those living in differing jurisdictions (ex: School districts that cross into multiple jurisdictions) (EA-2.3.6). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.3 for more details and screenshots.
EA-2.4	F, S, R	Manage Candidates					
EA-2.4.1		Candidate Search and Filter	Does the Solution provide the authorized user with the capability to search and filter for a candidate using different combinations of criteria? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As with most SVRS modules, the Candidate module starts with a Search screen. This allows users to search, filter, and extract candidate data based on the Election Workspace (EA-2.4.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots.
EA-2.4.2	S	Import Previous Candidate	Does the Solution provide the authorized user with the capability to maintain candidates, with the ability to search and filter a candidate who ran in a prior election, and populate the current election accordingly, including carrying a winning primary candidate forward to the upcoming general election? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-612)	Yes	Supplier will ensure its SVRS fulfills the Requirement. During election creation, "imported" positions ("offices" become races ("contests") within the election and position holders become incumbent candidate records by default (EA-2.4.6) (EA-2.4.2) thereby "importing" them into the election; while incumbents are created as candidate records, importing candidates from past election workspaces is not something available within SVRS. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots. The solution will be configured to carry forward a winning primary candidate to the upcoming general election to meet this requirement.
EA-2.4.3		Candidate Requirement Report	Does the Solution provide the authorized user with the capability to generate and print reports describing candidate requirements for running for an office in an election? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. In addition to the Data Analytics ad hoc reporting engine and search/extract options, standardized reports can be created for the Commonwealth of Virginia within the Report module (EA-2.4.3) (EA-2.4.4.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots.
EA-2.4.4	S, R	Candidate Profile	Does the Solution provide the authorized user with the capability to maintain information related to a candidate's filing for office and eligibility information? Please describe.	Y	the ELECT Handbook - Chapter 16 Candidate Processing 2020.pdf Code of Virginia - TITLE 24.2, Chapter 5 (24.2-503)	Yes	Supplier will ensure its SVRS fulfills the Requirement. While qualified candidate records can be added and some details edited directly in the Election Details "Measures and Races" tab, ALL candidate statuses can be added and managed from the Candidates module (EA-2.4.4) for the election. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots. Currently, this is a manual check. The solution will be configured to provide for the list of ELECT defined eligibility requirements for a candidate to include automated validation.
EA-2.4.4.1		Candidate Qualifications Status Report	Does the Solution provide the authorized user with the capability to generate and print reports listing candidates and what qualifying requirements a candidate has completed? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. In addition to the Data Analytics ad hoc reporting engine and search/extract options, standardized reports can be created for the Commonwealth of Virginia within the Report module (EA-2.4.3) (EA-2.4.4.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots.
EA-2.4.5	S	Party Affiliation	Does the Solution provide the authorized user with the capability to record the candidate's party affiliation, if the candidate is running for a partisan office? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-612)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The Candidate Details tab allows users to define First, Middle, Last Name, Date of Birth, Ballot Name (EA-2.4.14), Political Party (EA-2.4.5), Candidate Status and Reason, whether or not they are a write-in candidate or an Incumbent. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots.
EA-2.4.6		Incumbency	Does the Solution provide the authorized user with the capability to record if the candidate currently holds the office, or is otherwise considered the incumbent? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. During election creation, imported positions ("offices" become races ("contests") within the election and position holders become incumbent candidate records by default (EA-2.4.6) (EA-2.4.2); while incumbents are created as candidate records, importing candidates from past election workspaces is not something available within SVRS. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots.
EA-2.4.7		Unopposed Candidate Records	Does the Solution provide the authorized user with the capability for an authorized user to manage unopposed candidate records? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Small, data exists. A flag to locate qualified candidates that are an unopposed (EA-2.4.7) will be added to allow users to locate these contests. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots. Solution will be configured to meet the requirement.
EA-2.4.8		Scan Candidate Documents	Does the Solution provide the authorized user with the capability to scan and associate candidate documents with the candidate's record? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The Attachments tab allows users to upload/scan/view documents associated to the candidate for the election (EA-2.4.8) (EA-2.4.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots.
EA-2.4.9		View Candidate Documents	Does the Solution provide the authorized user with the capability to view candidate documents associated with the candidate's record, and allow availability for public inspection, providing that the records can be printed or emailed to a requestor? Please describe.	Y		What is the level of effort/cost to provide?	The Attachments tab allows users to upload/scan/view documents associated to the candidate for the election (EA-2.4.8) (EA-2.4.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots. The solution allows for the user to add any image pdf attachment from the candidate profile tab called attachments to email or mail to the voter if needed. There is no public facing candidate portal, but the information can be pushed to a publicly available website.
EA-2.4.10	S	Date / time for Independent Candidate	Does the Solution provide the authorized user with the capability to update Independent candidate qualification with date and time when the required number of signatures for the office sought were delivered? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-506)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The petitions modules are in active development, and not currently linked to the Candidate module—the candidate module captures the date/time—however, the design for the petition's module is in line with the description of the Commonwealth of Virginia requirement for linking to Petitions to Candidates (EA-2.4.11) (EA-2.4.10). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots. The solution will be configured to meet the criteria of the requirement.
EA-2.4.11	S	Qualify a Candidate	Does the Solution perform validation checks prior to qualifying a candidate, 1) candidate's voter registration residence address is within the allowed jurisdiction for the office, if residency is a requirement, and 2) if petition exists, has it been certified? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-500) Code of Virginia - TITLE 24.2, Chapter 5 (24.2-506)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The petitions modules (described below) are in active development, and not currently linked to the Candidate module—however, the design for the petition's module is in line with the description of the Commonwealth of Virginia requirement for linking to Petitions to Candidates (EA-2.4.11) (EA-2.4.10). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots. Solution will be configured for automated validation of residence address within the jurisdiction and certified petitions (if applicable for the office) to meet the Requirement.

EA-2.4.12		Track Candidate Filing Process and Progress	Does the Solution track candidate filing process and progress, with automated alerts to users? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The system contains and supports automated workflow. Unique, Virginia-specific automated workflows (EA-2.4.12) (EA-2.4.12.2) or non-voter related correspondences (EA-2.4.15) will be added; however, the basic infrastructure exists to support these functionalities and would be prioritized for the Commonwealth of Virginia. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots. For Virginia specific validations that are needed, configuration will be done.
EA-2.4.12.1		Flag Unfiled Documents	Does the Solution generate warnings and flag if required filings are incomplete, or unfiled, and required? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The Attachments tab allows users to upload/scan/view documents associated to the candidate for the election (EA-2.4.8) (EA-2.4.9). Specific types of documents, requirements, or individual attachment statuses will be defined for the Commonwealth of Virginia (EA-2.4.12.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots.
EA-2.4.12.2		Automatic Extension	Does the Solution provide the authorized user with the capability to determine if a candidate with an incomplete filing qualifies for an extension and, if so, generate the required correspondences? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The system contains and supports automated workflow. Unique, Virginia-specific automated workflows (EA-2.4.12) (EA-2.4.12.2) or non-voter related correspondences (EA-2.4.15) will be added; however, the basic infrastructure exists to support these functionalities and would be prioritized for the Commonwealth of Virginia. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots. The user can create a correspondence to support workflows but the solution will be configured to define the triggered points with Elect.
EA-2.4.13		Candidate Withdrawals	Does the Solution provide the authorized user with the capability to identify a candidate who withdraws from an election, tracking whether they are included on the ballot and require election results reported? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Candidate Status options are: Qualified, Non-Qualified, Withdrawn (EA-2.4.13), Pending, and Archived. Only candidates in the "Qualified" status appear in the Elections details or during Ballot Style generation. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots.
EA-2.4.14	S, R	Ballot Name	Does the Solution provide the authorized user with the capability to record the name of the candidate as it is to appear on the ballot? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 6 the ELECT Handbook - Chapter 16 Candidate Processing 2020.pdf	Yes	Supplier will ensure its SVRS fulfills the Requirement. The Candidate Details tab allows users to define First, Middle, Last Name, Date of Birth, Ballot Name (EA-2.4.14), Political Party (EA-2.4.5), Candidate Status and Reason, whether or not they are a write-in candidate or an Incumbent. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots.
EA-2.4.15	S	Candidate Correspondences	Does the Solution provide the authorized user with the capability to generate candidate correspondences? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-503) Code of Virginia - TITLE 24.2, Chapter 5 (24.2-505) Code of Virginia - TITLE 24.2, Chapter 5 (24.2-516)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The system contains and supports automated workflow. Unique, Virginia-specific automated workflows (EA-2.4.12) (EA-2.4.12.2) or non-voter related correspondences (EA-2.4.15) will be added; however, the basic infrastructure exists to support these functionalities and would be prioritized for the Commonwealth of Virginia. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots.
EA-2.4.16		Candidate Portal	Does the Solution provide an online Candidate Portal? Please describe.	F		Yes	Supplier will ensure its SVRS fulfills the Requirement. Infrastructure can support this. SVRS does not currently offer a public-facing portal for candidate filing; however, this will be developed as the supporting infrastructure already exists to do so. (EA-2.4.16). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.4 for more details and screenshots.
EA-2.5	F, S, R	Manage Referendum					
EA-2.5.1		Search and Find a Referendum	Does the Solution provide the authorized user with the capability to search and filter for an existing referendum? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Referendums exist on the Election's "Measures and Races" tab (EA-2.5.1). This tab and other references can be re-labeled to "Referendums/Contests" for Virginia. All referendums are required to be associated to a District Type and District (EA-2.5.3) for ballot style generation. Adding or modifying Referendum data continues until voter ballots are generated (EA-2.5.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.5 for more details and screenshots. This requirement is handled within Elect. The user would type the referendum number in the search field and filter. If Elect requires specific filter options, additional options can be added to the solution.
EA-2.5.2	S	Maintain Referendum	Does the Solution provide the authorized user with the capability to create, edit, and archive referenda? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. Referendums exist on the Election's "Measures and Races" tab (EA-2.5.1). This tab and other references can be re-labeled to "Referendums/Contests" for Virginia. All referendums are required to be associated to a District Type and District (EA-2.5.3) for ballot style generation. Adding or modifying Referendum data continues until voter ballots are generated (EA-2.5.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.5 for more details and screenshots.
EA-2.5.3	S	Association With District	Does the Solution provide the authorized user with the capability to associate a referendum with a geopolitical district? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-684)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Referendums exist on the Election's "Measures and Races" tab (EA-2.5.1). This tab and other references can be re-labeled to "Referendums/Contests" for Virginia. All referendums are required to be associated to a District Type and District (EA-2.5.3) for ballot style generation. Adding or modifying Referendum data continues until voter ballots are generated (EA-2.5.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.5 for more details and screenshots. The solution will not allow the user to add a referendum unless it is associated with a district. It must be pre-defined. The solution will be configured to allow for referendums to be defined by district(s), precinct(s), town precinct(s) or locality(ies) to meet the requirement.
EA-2.6	F, S, R	Manage Petitions					
EA-2.6.1		Search and Filter for a Petition	Does the Solution provide the authorized user with the capability to search and filter for petitions, using various criteria? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. In active development, partially implemented. The user can open an active petition (EA-2.6.2), create a new petition, or search (EA-2.6.1) for all petitions in the system; active, failed to qualify, certified, or archived (EA-2.6.2.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots. The solution will include petition type, election, office party, candidate first name, candidate last name, petition, status, referendum title, and referendum detail search/filter options to meet the Requirement.

EA-2.6.2	S	Maintain Petition	Does the Solution provide the authorized user with the capability to maintain petitions? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 5	Yes	Supplier will ensure its SVRS fulfills the Requirement. In active development, partially implemented. The user can open an active petition (EA-2.6.2), create a new petition, or search (EA-2.6.1) for all petitions in the system; active, failed to qualify, certified, or archived (EA-2.6.2.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots. The current module of the solution is being enhanced. The solution will give the authorized users the ability to add and edit petitions filtering by candidate and election.
EA-2.6.2.1		Expire Petitions	Does the Solution provide the authorized user with the capability to mark a petition for expiration and the ability to expire marked petitions individually or in bulk? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. In active development, partially implemented. The user can open an active petition (EA-2.6.2), create a new petition, or search (EA-2.6.1) for all petitions in the system; active, failed to qualify, certified, or archived (EA-2.6.2.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots. The solution allows for petitions to be marked individually and the authorized user can modify the entire petition status.
EA-2.6.2.2		Master Petition Prepopulates Sub-Petition Page Information	Does the Solution provide the authorized user with the capability to capture data on a master petition and automatically generate and populate the sub-petitions, for all applicable localities? Please describe.	F		Yes	Supplier will ensure its SVRS fulfills the Requirement. Current design allows each county jurisdiction to process their part of a larger multi-jurisdictional petition, separately. A Master Petition which collates a multi-jurisdictional area (ex: statewide petition) across multiple counties is a larger overall effort. This would be a later version of the Petitions module, requiring shared districts (EA-2.6.2.2). The state would create the petition and top down information would be pushed to participating locality(ies). The solution will be configured to meet the criteria of the Requirement.
EA-2.6.2.3	S	Petition Page Size	Does the Solution provide the authorized user with the capability to specify the sizes of petition pages and associated number of signature lines that can be submitted? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-506)	Yes	Supplier will ensure its SVRS fulfills the Requirement. In active development, partially implemented. During Pre-Process Sheets, the user would scan in the petition pages and rows (EA-2.6.2.3) rows and capture signatures (EA-2.6.2.8) for side-by-side comparison with the voter signature, and validate Circulator (EA-2.6.2.5) on entire sheets. The end of this process results in the count valid pages and raw count of signatures returned for the petition. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots. The solution allows for bulk processing where the number of sheets are defined and processed.
EA-2.6.2.4	S	Record and Validate Signature Line	Does the Solution provide the authorized user with the capability to validate each signature line that appears on a petition page, and record signature line number, signature page number, signor name, sign date, and signature status for any locality? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 5	Yes	Supplier will ensure its SVRS fulfills the Requirement. In active development, partially implemented. After searching and connecting to a voter record, the row can be validated manually (EA-2.6.2.4); however, because the row is now linked to the voter record (example in Row 2) by performing a search for the voter within the jurisdiction. The system then performs some basic validations on behalf of the user such as underage, incorrect district, invalid status, registration date, etc. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots. The solution will be configured to capture the signature date.
EA-2.6.2.5	S	Deny Circulator Signature on Petition	Does the Solution support enforcing that circulators cannot be an accepted signature on a petition? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-521)	Yes	Supplier will ensure its SVRS fulfills the Requirement. In active development, partially implemented. During Pre-Process Sheets, the user would scan in the petition pages and rows (EA-2.6.2.3) and capture signatures (EA-2.6.2.8) for side-by-side comparison with the voter signature, and validate Circulator (EA-2.6.2.5) on entire sheets. The end of this process results in the count valid pages and raw count of signatures returned for the petition. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots. The solution does not currently have a circulator validation. Solution will be configured to meet the criteria of the Requirement.
EA-2.6.2.6		Search and Filter for Signature Verification	Does the Solution provide the authorized user with the capability to search or filter for signature verification that includes, but is not limited to, single characters, addresses, and wild card options for voters in locality, election district, or statewide? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. In active development, partially implemented. The user searches and selects a voter record to link to the petition row. This brings in voter record details and allows the system to perform a validation (EA-2.6.2.6). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots. The solution will be configured to meet the criteria of the requirement.
EA-2.6.2.7	S	Signature Line Status	Does the Solution provide the authorized user with the capability to specify the reasons that a signature line must not be counted as valid? Please describe.	P	Code of Virginia - Administrative Code - TITLE 1, Chapter 50, Section 20	Yes	Supplier will ensure its SVRS fulfills the Requirement. In active development, partially implemented. Rows are either Accepted, Rejected, Blank, or Unprocessed. Rejected. In addition to manually determining if a signature is rejected and selecting the reason (EA-2.6.2.7), the system performs basic validations on the connected voter record automatically. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
EA-2.6.2.8		Support Electronic Capture of Petition Signature	Does the Solution support the electronic capture of a petition signature? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. In active development, partially implemented. During Pre-Process Sheets, the user would scan in the petition pages and rows (EA-2.6.2.3) rows and capture signatures (EA-2.6.2.8) for side-by-side comparison with the voter signature, and validate Circulator (EA-2.6.2.5) on entire sheets. The end of this process results in the count valid pages and raw count of signatures returned for the petition. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots.
EA-2.6.2.9		Minimum Signature Threshold	Does the Solution provide the authorized user with the capability to alert a user when the validation of a petition line has resulted in the minimum signature threshold having been met? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. In active development, partially implemented. As the users are validating and the number of valid signatures hits the minimum threshold (EA-2.6.2.13), the users receive a prompt that minimum valid signature threshold was met. Additionally, the signatures remaining column decreases to zero based on the minimum threshold count (EA-2.6.2.9) defined in System Configuration. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
EA-2.6.2.10		Cross-jurisdiction Signature Verification	Does the Solution allow a locality to validate signature lines of voters residing in localities outside their own? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. In active development, partially implemented. Currently the system only allows jurisdictions to view voters under their control (EA-2.6.2.10), this can be included for the Commonwealth of Virginia. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.

EA-2.6.2.11	S	Track Petition Signature Counts by Status	Does the Solution track petition signature total counts by status? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-506)	Yes	Supplier will ensure its SVRS fulfills the Requirement. In active development, partially implemented. During Pre-Process Sheets, the user would scan in the petition pages and rows (EA-2.6.2.3) rows and capture signatures (EA-2.6.2.8) for side-by-side comparison with the voter signature, and validate Circulator (EA-2.6.2.5) on entire sheets. The end of this process results in the count valid pages and raw count of signatures (EA-2.6.2.11) returned for the petition. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots.
EA-2.6.2.12		Report of all signature counts listing voter and status	Does the Solution provide a report of all signature counts by status, listing each signee with their individual status? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. In active development, partially implemented. In addition to the Data Analytics ad hoc reporting engine, unique standardized reports can be created for the Commonwealth of Virginia within the Report module (EA-2.6.2.12) (EA-2.6.3). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
EA-2.6.2.13		Track Petition Signature Count to be Dated When Minimum is Met	Does the Solution support the petition signature count, recording the date when the signature threshold is met? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. In active development, partially implemented. As the users are validating and the number of valid signatures hits the minimum threshold (EA-2.6.2.13), the users receive a prompt that minimum valid signature threshold was met. Additionally, the signatures remaining column decreases to zero based on the minimum threshold count (EA-2.6.2.9) defined in System Configuration. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots. The solution will be configured to meet the criteria of the requirement.
EA-2.6.3		Signature Count Report by District and Locality	Does the Solution provide the authorized user with the capability to generate and print a report of accepted petition signature counts by District and Locality? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. In active development, partially implemented. In addition to the Data Analytics ad hoc reporting engine, unique standardized reports can be created for the Commonwealth of Virginia within the Report module (EA-2.6.2.12) (EA-2.6.3). Please see Supplier's Supplemental Word Document to Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
EA-2.6.4	S	Maintain Petition Circulator Information	Does the Solution maintain a library of petition circulator information? Please describe.	P	Code of Virginia - Administrative Code - TITLE 1, Code of Virginia - Administrative Code - TITLE 1, Code of Virginia - TITLE 24.2, Chapter 5 (24.2-521)	Yes	Supplier will ensure its SVRS fulfills the Requirement. In active development, partially implemented. This list of circulators (EA-2.6.4) is used during pre-processing sheets to associate a circulator to a sheet so the user can validate the circulator. Please see Supplier's Supplemental Word Document to Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots.
EA-2.6.5		Petition Voter Notification	Does the Solution identify and notify an authorized user during signature verification, that the candidate petition signee is a registered voter? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. In active development, partially implemented. In addition to manually determining if a signature is rejected and selecting the reason (EA-2.6.2.7), the system performs basic validations on the connected voter record automatically. These validations include if the voter resides in the petition district, underage voters, and non-active voter statuses—and the user is prompted when a row encounters one of these validations (EA-2.6.5). Please see Supplier's Supplemental Word Document to Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots. If the petition signee is outside the city district, the authorized user can reject the row and select the appropriate reason code.
EA-2.6.6		Petition Signee Notification	Does the Solution notify petition signees when the data does not match, and even if the citizen is not registered? Please describe.	P		configure with current functionality. Elect will wait for additions to roadmap	In active development, partially implemented. Custom Voter Notifications can be created by users in System Configurations, including Petition Signee Notification. Automated Workflows to trigger these notices to generate when certain scenarios happen would need to be defined for the Commonwealth of Virginia (EA-2.6.6). Please see Supplier's Supplemental Word Document to Supplier's Supplemental Word Document to Attachment A, Section 4.3.2.6 for more details and screenshots.

"Official" RFP #'s	Federal, State, Regulatory	ELECT Specification Title	Requirement	Implementation Status Yes (Y) Partial (P) Future (F) No (N)	Reference links to fulfill the listed requirement. <i>The links to any Federal, State or Regulatory requirements are provided for the Supplier to reference and review to ensure compliance.</i>	ELECT Must Have	ELECT Proposed Final Contract language/remaining questions/clarifications
Election Voting Locations (21)							
EVL-3.1	F, S, R	Maintain Voting Location					
EVL-3.1.1	S	Voting Location Search and Filter	Does the Solution provide the authorized user with the capability to search and filter for all types of voting locations using different combinations of criteria? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 3	Yes	Supplier will ensure its SVRS fulfills the Requirement. As with most SVRS screens, the user is presented with a search screen (EVL-3.1.1). On this screen users can search for Locations by a variety of metrics, as well as Add New Locations (EVL-3.1.5) (EVL-3.2.6). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.1 for more details and screenshots.
EVL-3.1.2	S	View Voting Location	Does the Solution provide the authorized user with the capability to view voting location information? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 3	Yes	Supplier will ensure its SVRS fulfills the Requirement. On the Location detail's view (EVL-3.1.2), a user can define and update many elements of the Location (EVL-3.1.3). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.1 for more details and screenshots. The solution offers inventory of the voting location information that details the owner information, bus routes, operating hours, and type of location. The inventory also provides that all locations assigned to that event type, providing a specific location history.
EVL-3.1.3	S	Update Voting Location	Does the Solution provide the authorized user with the capability to update voting location information? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 3	Yes	Supplier will ensure its SVRS fulfills the Requirement. On the Location detail's view (EVL-3.1.2), a user can define and update many elements of the Location (EVL-3.1.3). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.1 for more details and screenshots.
EVL-3.1.4		Standardize Poll Location addresses	Does the Solution provide the authorized user with the capability for address standardization of poll location adds and edits? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 3	Yes	The location's Address is manually entered, but can be tied to GIS similar to Voter if desired for additional standardizations (EVL-3.1.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.1 for more details and screenshots. The solution is currently able to apply precinct. The ability to apply address standardization is being configured, but in the meantime, smarty streets could be utilized to meet this requirement.
EVL-3.1.5	S	Add Voting Location	Does the Solution provide the authorized user with the capability to add a voting location, and require entry of all voting location attributes required for Election Assistance Commission (EAC) reporting (e.g., facility type, facility availability, service provider, Americans with Disabilities Act (ADA) comment), and a) allow a voting location to be designated as a Central Absentee Precinct (CAP) location, b) allow a voting location to be designated as a satellite location, c) allow voting locations to be marked in one of a set of configurable states, for example: active, emergency, temporary, inactive, and d) flag whether each location has been approved by the appropriate bodies? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 3 (24.2-310)	Yes	Supplier will ensure its SVRS fulfills the Requirement. As with most SVRS screens, the user is presented with a search screen (EVL-3.1.1). On this screen users can search for Locations by a variety of metrics, as well as Add New Locations (EVL-3.1.5) (EVL-3.2.6). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.1 for more details and screenshots. The solution has the ability to create a status for each voting location that is active and provide a reason for voting locations that are temporary or inactive. The solution allows for the ADA survey to be attached to the voting location. The solution would need to be configured for voting location designation. The solution offers the ability to flag for each location if it was approved and the date it was approved. Other rules could be put in place. The solution will be configured to meet the criteria of the requirement.
EVL-3.1.6	S	Maintain Drop Box Locations	Does the Solution provide an authorized user with capability to add, maintain, store, search and filter, archive, and view Drop Box Location(s) by locality and make them publicly available? Please describe.	Y	New Virginia Legislation - 2021 Session	Yes	Supplier will ensure its SVRS fulfills the Requirement. A location's primary Purpose (use) can be defined such as a Ballot Drop box (EVL-3.1.6), Central Absentee Precinct (CAP), or Polling Place. The Commonwealth of Virginia can define different location purposes as a System Configuration item. The voting location(s) are displayed to a voter in the Public Portal (EVL-3.1.6) (EVL-3.2.2) and are described in that section. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.1 for more details and screenshots.
EVL-3.1.7		Accessibility Surveys	Does the Solution provide the authorized user with the capability to attach an accessibility survey to a voting location? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. In SVRS, each locations site survey (EVL-3.1.7) is directly associated to the location, and can be Modified and printed from a fillable PDF that opens on another browser tab by section of the compliance report to make it easier to location modifications. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.1 for more details and screenshots.
EVL-3.1.8	S	Duplicate voting Locations	Does the Solution alert the authorized user if multiple voting locations exist in the same building? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 3 (24.2-310)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Currently, the system doesn't restrict duplicate locations at the same building (EVL-3.1.8). Note: If multiple voting locations exist in the same building, must have separate room numbers. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.1 for more details and screenshots.
EVL-3.1.9		Voting Location Inventory List By Precinct	Does the Solution provide an inventory list by precinct? Equipment list examples may include: pencils, shields, gloves, masks, ePollbooks, power cords, tablets, cell phones, specific election related documents, etc. Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. The reserved Inventory tab (EVL-3.1.9) allows users to add and print Inventory Lists for each Location in SVRS. However, this is not currently connected to the Inventory module, which is in development. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.1 for more details and screenshots. Location Inventory can be added and printed by precinct or from the voting location. An inventory module is currently in development.
EVL-3.2		Assign Voting Location					
EVL-3.2.1	S	Assign Precincts to Voting Location for Election	Does the Solution provide the authorized user with the capability to assign precincts and/or town precincts to voting locations for a specified election, allowing the authorized user to move a precinct and/or town precinct from one voting location to another, while enforcing that a precinct and/or town precinct may be assigned to no more than one voting location? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 3	Yes	Supplier will ensure its SVRS fulfills the Requirement. Location Assignment is done in the Event section. Assign Locations to an Election individually (EVL-3.2.1.1) or use an archived election as a template to get started (EVL-3.2.1.2) (EVL-3.2.1.3). GIS integration is on the roadmap for location assignment. Automated Initial Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3 for more details and screenshots. Assignment based on Home Precinct or Townships involved in the election can be built out (EVL-3.2.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.2 for more details and screenshots. The solution can add any number of locations, but the Supplier will work with Elect on putting in place restrictions. The system has the data available, but validation will be added at the jurisdictional assignment level. The solution will be configured to meet the criteria of the Requirement.

EVL-3.2.1.1		Manual Voting Location Assignment to Election	Does the Solution provide the authorized user with the capability to manually assign a voting location to an election, and allow the authorized user to assign a precinct and/or town precinct to a voting location, while restricting assignment of precincts and/or town precincts to only those precincts which have offices or referenda to be voted on in the assigned election, and also support a voter being assigned to a different voting location based on election type (general, town)? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Location Assignment is done in the Event section. Assign Locations to an Election individually (EVL-3.2.1.1) or use an archived election as a template to get started (EVL-3.2.1.2) (EVL-3.2.1.3). GIS integration is on the roadmap for location assignment. Automated Initial Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3 for more details and screenshots. Assignment based on Home Precinct or Townships involved in the election can be built out (EVL-3.2.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.2 for more details and screenshots.
EVL-3.2.1.2		Default Voting Location Assignment to Prior Election	When a manual assignment has not been made, does the Solution by default associate a precinct and/or town precinct with the voting location assigned in the most recent prior election of the same type (general, town)? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Location Assignment is done in the Event section. Assign Locations to an Election individually (EVL-3.2.1.1) or use an archived election as a template to get started (EVL-3.2.1.2) (EVL-3.2.1.3). GIS integration is on the roadmap for location assignment. Automated Initial Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3 for more details and screenshots. Assignment based on Home Precinct or Townships involved in the election can be built out (EVL-3.2.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.2 for more details and screenshots. The solution currently looks at boundaries and filters for locations. The solution does not auto add locations to events. The solution allows for events to be added manually from outside of the event area. The solution will be configured to meet the criteria of the Requirement.
EVL-3.2.1.3	S	Historical Precinct Voting Location Assignments for New Election	When a new election is created, does the Solution assign the precinct and/or town precinct voting location assignments from the last previous election into the upcoming election for the entire state, including Central Absentee Precinct (CAP) locations? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 3	Yes	Supplier will ensure its SVRS fulfills the Requirement. Location Assignment is done in the Event section. Assign Locations to an Election individually (EVL-3.2.1.1) or use an archived election as a template to get started (EVL-3.2.1.2) (EVL-3.2.1.3). GIS integration is on the roadmap for location assignment. Automated Initial Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3 for more details and screenshots. Assignment based on Home Precinct or Townships involved in the election can be built out (EVL-3.2.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.2 for more details and screenshots. The Solution will be configured to meet the criteria of the Requirement.
EVL-3.2.2	S	Define, Maintain, and Store Central Absentee Precinct (CAP)	Does the Solution provide an authorized user with the capability to define, maintain, assign, store, archive, and view Central Absentee Precinct (CAP) by locality and make them publicly available? Please describe.	Y	New Virginia Legislation - 2021 Session	Yes	Supplier will ensure its SVRS fulfills the Requirement. The voting location(s) are displayed to a voter in the Public Portal (EVL-3.1.6) (EVL-3.2.2) and are described in that section. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.2 for more details and screenshots. The Supplier will adjust the validation process. The solution will be configured to meet the criteria of the Requirement.
EVL-3.2.3		Orphan Voting Locations and Precincts	Does the Solution provide an alert that a voting location has no precincts and/or town precincts assigned, or an eligible precinct and/or town precinct does not have a voting location assigned? Please describe.	Y		CONFIGURE AS CURRENTLY PROVIDED	Additional workflows and validations can be incorporated for the Commonwealth of Virginia. For instance, locations assigned to an election event that are outside of a precinct boundary of an election GIS area and need to be associated for voter access (EVL-3.2.3). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.2 for more details and screenshots. The solution currently offers a sort and find for voting locations but there is no current validation that is presented to the user. A validation feature can be added to the system. Solution will be configured as currently provided. ELECT will wait for roadmap for remaining functionality.
EVL-3.2.4	S	Auto-generate Voter Notices	Does the Solution provide a setting that allows the automatic generation of voter notices when a precinct and/or town precinct is reassigned to a new voting location, with the notice displaying the town dweller's town precinct on the voter notice regardless of whether the election is a town election? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 1 (24.2-114)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS allows for the custom creation of Voter Notices as a default in the system (EVL-3.2.4), which would include Voting Location Assignment notices. However, automated workflows associated to Notice generation would need to be added as triggering scenarios vary. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.2 for more details and screenshots.
EVL-3.2.5	S	Archive Voting Location	Does the Solution support archiving a voting location, but prevent archiving a voting location if it is currently in use for an election? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 3	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS is designed with the intent of an election being managed as an event. To this end, Locations are maintained as a separate record and added to one or more elections as needed. This allows a Location record to be Archived, even if it's currently in use by an election (EVL-3.2.5). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.2 for more details and screenshots.
EVL-3.2.6		Voting Location History	Does the Solution support retention of the voting location attributes as they existed during any assigned election? (If a voting location is used over many elections, and the attributes of the location change over time (e.g. address, capacity, etc.), users need to go back and see what the attributes were at the time of a previous election. This includes locations that have been archived.) Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As with most SVRS screens, the user is presented with a search screen (EVL-3.1.1). On this screen users can search for Locations by a variety of metrics, as well as Add New Locations (EVL-3.1.5) (EVL-3.2.6). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.2 for more details and screenshots. The solution offers a copy into the event. The solution creates a workspace where the voting locations are attached to an event. This workspace provides the user with the history.
EVL-3.3		Voting Location Correspondency and Reports					
EVL-3.3.1		Correspondence	Does the Solution generate and print a letter to the voting location contacts to remind them when an election is coming up in their space? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The existing Election Notices section can be utilized to generate location election use notices (EVL-3.3.1), as with all notices, automatic workflow triggers would need to be customized for the Commonwealth of Virginia.
EVL-3.3.2		Voting Location Report	Does the Solution provide an authorized user with reports which includes voting location attributes and assignments to precincts and/or town precincts and elections? Can these reports be filtered, for example: for a single locality, multiple localities, or the entire state? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As with all other search screens in SVRS, privileged users can extract the search results into a CSV format (EVL-3.3.2) the search functions as a type of ad hoc reporting for the users. In addition to the Data Analytics ad hoc reporting engine, standardized reports can be created for the Commonwealth of Virginia within the Report module. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.3 for more details and screenshots.
EVL-3.3.3	S	Voting Location Data Sharing	Does the Solution provide the authorized user with the capability to publish voting location and drop box information, if available, to the citizen portal for voters to look up their voting location on the web? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4	Yes	Supplier will ensure its SVRS fulfills the Requirement. As described in more detailed in the sections detailing the Public Portal, the voter's nearest voting locations and drop boxes are displayed in an interactive map they can use to get directions to the selected site (EVL-3.3.3). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.3.3 for more details and screenshots.

"Official" RFP #s	Federal, State, Regulatory	ELECT Specification Title	Requirement	Implementation Status Yes (Y) Partial (P) Future (F) No (N)	Reference links to fulfill the listed requirement. <i>The links to any Federal, State or Regulatory requirements are provided for the Supplier to reference and review to ensure compliance.</i>	ELECT Must Have	ELECT Proposed Final Contract language/remaining questions/clarifications
Poll Worker (5)							
PW-4.1	F, S, R	Manage Poll Workers					
PW-4.1.1		Generate Poll Worker Reports and Correspondences	Does the Solution support the generation of poll worker reports, correspondences, and mailing labels by localities? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS performs Worker Bulk tasks for Notifications (PW-4.1.1), Training (PW-4.1.3), Assignment, and Payroll (PW-4.1.3). Payroll can be customized for extract to existing Accounting departments or for in-office printing depending on the need. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.4.1 for more details and screenshots.
PW-4.1.2		Manage Poll Workers	Does the Solution support the management of poll worker information and activities or provide the ability to integrate with existing poll worker management technologies used within the localities that support the listed functions, including, but not limited to: - determining and tracking poll worker assignments and specific poll worker roles, - being able to tie poll workers to specific locations in order to track where they are working during a given election, and - to track which poll workers of the total pool are actively assigned to the current election? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS maintains the Election Workers records (PW-4.1.2) in a separate module, and pulls them into a specific Election Event. As a result, a worker could be assigned, trained, and paid for work in multiple or overlapping elections without conflict. The SVRS architecture is API-based microservices—this extends within SVRS to each key module ("service"), including Worker. This allows SVRS to integrate with existing Poll Worker Management technology or websites (PW-4.1.2), (PW-4.1.3), (PW-4.1.4), (PW-4.1.5). An integration with existing poll worker management technology in SVRS can be done to either extend SVRS functions or replace them entirely with existing/preferred tools. SVRS provides the Worker service as included with the full suite of tools. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.4.1 for more details and screenshots.
PW-4.1.3		Train Poll Workers	Does the Solution support the management of the training and certification of poll workers, or provide the ability to integrate with existing poll worker management technologies used within the localities that support the listed functions, including, but not limited to: - the scheduling of training classes, videos, or required reading, - tracking which training was assigned to a specific poll worker, - attendance at the training, - whether a training is recurring, - any expiration dates, and - potential for payment capabilities for ELECT and the GRs? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The SVRS architecture is API-based microservices—this extends within SVRS to each key module ("service"), including Worker. This allows SVRS to integrate with existing Poll Worker Management technology or websites (PW-4.1.2), (PW-4.1.3), (PW-4.1.4), (PW-4.1.5). An integration with existing poll worker management technology in SVRS can be done to either extend SVRS functions or replace them entirely with existing/preferred tools. SVRS provides the Worker service as included with the full suite of tools. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.4.1 for more details and screenshots. Currently, this tool is being expanded in the system. The current solution contains training, types and methods of training, assign workers upon completion of training.
PW-4.1.4		Pay Poll Workers	Does the Solution provide the ability to track poll worker hours worked and payment details or provide the ability to integrate with existing poll worker management technologies used within the localities that support these functions? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The SVRS architecture is API-based microservices—this extends within SVRS to each key module ("service"), including Worker. This allows SVRS to integrate with existing Poll Worker Management technology or websites (PW-4.1.2), (PW-4.1.3), (PW-4.1.4), (PW-4.1.5). An integration with existing poll worker management technology in SVRS can be done to either extend SVRS functions or replace them entirely with existing/preferred tools. SVRS provides the Worker service as included with the full suite of tools. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.4.1 for more details and screenshots. The solution allows for extract of data but does not generate the image of the check; this can be added with configuration.
PW-4.1.5	S	Poll Worker Interest	Does the Solution provide the ability to track poll worker interest or provide the ability to integrate with existing poll worker management technologies used within the localities that support the listed functions, including, but not limited to: - provide a report of those who expressed interest in being a poll worker, - the date of their request, - which elections they are available to work with information available with a current year or election cycle sort capability, and - with the origin of the interest tracked, such as if this information was captured when adding, updating or correcting a voter registration record, or - if a voter contacted a GR's office specifically to express interest in becoming a poll worker? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 2	Yes	Supplier will ensure its SVRS fulfills the Requirement. The SVRS architecture is API-based microservices—this extends within SVRS to each key module ("service"), including Worker. This allows SVRS to integrate with existing Poll Worker Management technology or websites (PW-4.1.2), (PW-4.1.3), (PW-4.1.4), (PW-4.1.5). An integration with existing poll worker management technology in SVRS can be done to either extend SVRS functions or replace them entirely with existing/preferred tools. SVRS provides the Worker service as included with the full suite of tools. Worker records are created or updated manually or as a result of voter registration (PW-4.1.5). SVRS tracks many metrics on the records added to the Worker service (PW-4.1.5), including collecting information such as Effective Date (Date of Interest), Source/Origin (Public Portal, Voter Registration, In-Office, etc.) (PW-4.1.5) as well as Event Specific details such as Election Worked, Hours Worked, Training Assignments and Statuses (PW-4.1.3), and Locations Assigned (PW-4.1.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.4.1 for more details and screenshots. If a registered voter shows interest, a record will be created. Currently, working on an election poll worker portal.

"Official" RFP #'s	Federal, State, Regulatory	ELECT Specification Title	Requirement	Implementation Status Yes (Y) Partial (P) Future (F) No (N)	Reference links to fulfill the listed requirement. <i>The links to any Federal, State or Regulatory requirements are provided for the Supplier to reference and review to ensure compliance.</i>	ELECT Must Have	ELECT Proposed Final Contract language/remaining questions/clarifications
Election Preparation (29)							
EP-5.1	F, S, R	Ballot Preparation Management & Proofing					
EP-5.1.1		Automated Ballot Management and Proofing	Does the Solution provide the authorized user with the capability to configure an automated process for ballot management and the proofing process? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Ballot Styles are automatically generated (EP-5.1.1) from the unique overlap of election district boundaries, political parties (if applicable) (EP-5.1.12), and languages (if applicable) within the election (EP-5.1.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.1 for more details and screenshots.
EP-5.1.2	S	Ballot Styles	Does the Solution specify a ballot style for each unique ballot that may be cast, as a) races, candidates, and referenda on the ballot will vary by precinct or b) can be split within a precinct, and c) different ballot styles occur for split districts and precincts? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 6	Yes	Supplier will ensure its SVRS fulfills the Requirement. Ballot Styles are automatically generated (EP-5.1.1) from the unique overlap of election district boundaries, political parties (if applicable) (EP-5.1.12), and languages (if applicable) within the election (EP-5.1.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.1 for more details and screenshots.
EP-5.1.3	S, R	Ballot Style Report	Does the Solution provide detail and summary reports which display the content of each ballot style for each precinct or split to allow the localities and ELECT, to verify ballot content is complete and accurate, with the total number of styles per precinct or split, grouped and summarized by, but not limited to, office, referenda, precinct, split, and ballot style, and follows the layout of ballots according to Virginia law and the State Board of Elections (SBE) Ballot Standards? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 5 (24.2-529) Code of Virginia - TITLE 24.2, Chapter 6 (24.2-613) Code of Virginia - TITLE 24.2, Chapter 5 (24.2-529) Code of Virginia - TITLE 24.2, Chapter 6 (24.2-614) Code of Virginia - TITLE 24.2, Chapter 6 (24.2-619) Code of Virginia - TITLE 24.2, Chapter 6 (24.2-684)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The Ballot Styles tab includes an option to print a Ballot Styles report of all election styles for validation (EP-5.1.3), as well as an upload process (...) for the PDF copy of the Sample Ballot per style (EP-5.1.7). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.1 for more details and screenshots. The solution has an election details and ballot style tab where the user can view, extract, and create reports. There are filters for particular viewing options and ballot style options for candidates available. The Supplier will work with Elect to view exactly what is needed.
EP-5.1.4	S, R	View Ballot Format	Does the Solution provide a preview of what each ballot style will look like, with the offices and referenda listed in the order defined by Virginia law and the Virginia State Board of Elections (SBE) Ballot Standards? Please describe.	Y	SBE Ballot Standards Code of Virginia - TITLE 24.2, Chapter 6 (24.2-613) Code of Virginia - TITLE 24.2, Chapter 5 (24.2-529) Code of Virginia - TITLE 24.2, Chapter 6 (24.2-614) Code of Virginia - TITLE 24.2, Chapter 6 (24.2-619) Code of Virginia - TITLE 24.2, Chapter 6 (24.2-684)	Yes	Supplier will ensure its SVRS fulfills the Requirement. On the Ballot Styles tab, users can validate each style (EP-5.1.4), modify the election details and re-generate as needed for corrections. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.1 for more details and screenshots. The solution has an election details and ballot style tab where the user can view, extract, and create reports. There are filters for particular viewing options and ballot style options for candidates available. The Supplier will work with Elect to view exactly what is needed.
EP-5.1.5	S, R	Ballot Interface	Does the Solution provide an interface to make changes to source data affecting the ballot, while viewing the ballot format? Please describe.	Y	SBE Ballot Standards Code of Virginia - TITLE 24.2, Chapter 6 (24.2-613) Code of Virginia - TITLE 24.2, Chapter 5 (24.2-529) Code of Virginia - TITLE 24.2, Chapter 6 (24.2-614) Code of Virginia - TITLE 24.2, Chapter 6 (24.2-619) Code of Virginia - TITLE 24.2, Chapter 6 (24.2-684)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS automatically determines the unique ballot styles based on selected districts in Measures and Races, this can be modified and re-run until the Voter Workspace is generated to Issue Ballots (EP-5.1.5) and then the ballot styles become protected. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.1 for more details and screenshots. This is generated in the system automatically based on referendum and candidate ballot styles. If there is an error, the user can add/modify and the correct ballot style is generated. This would be presented in the UI of the elections tab.
EP-5.1.6		Ballot Data Export	Does the Solution support the export of all data required to print each style of ballot, with the file format dictated by ELECT? Please describe.	Y	SBE Ballot Standards	Yes	Supplier will ensure its SVRS fulfills the Requirement. On the Ballot Styles tab, users can validate each style (EP-5.1.4), modify the election details and re-generate as needed for corrections. Users can extract (EP-5.1.6) the ballot style in a format used by their tabulators (EP-5.1.6.1) and/or to send to the print vendor (the specific format requires configuration).
EP-5.1.6.1	F	Common Data Format	Does the Solution support the export of ballot and referendum data using the NIST SP 1500-100 Election Results Reporting Common Data Format (CDF) specification? Please describe.	Y	NIST.SP.1500-100	Yes	Supplier will ensure its SVRS fulfills the Requirement. On the Ballot Styles tab, users can validate each style (EP-5.1.4), modify the election details and re-generate as needed for corrections. Users can extract (EP-5.1.6) the ballot style in a format used by their tabulators (EP-5.1.6.1) and/or to send to the print vendor (the specific format requires configuration). Extracting is based on which tool is being imported into. Can be configured to meet the requirements of Elect. Most ballot tools follow NIST.
EP-5.1.6.2		Ballot On Demand	Does the Solution support exporting ballot data for a single ballot style? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. All data entered into SVRS can be extracted, including individual ballot styles. The workflow to "print" a ballot style for Ballot on Demand Printers will be defined for the Commonwealth of Virginia, but is available as an option in SVRS (EP-5.1.6.2).
EP-5.1.7		Ballot Solution Interface	Does the Solution provide an authorized user with the capability to display and print the ballots styles and send the styles to the vendor, providing for export, import and automated processing through an API interface, and include a file transfer and capability to view file, upload the vendor's proofs and provide the ability to proof in the system, displaying the proof for review? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The Ballot Styles tab includes an option to print a Ballot Styles report of all election styles for validation (EP-5.1.3), as well as an upload process (...) for the PDF copy of the Sample Ballot per style (EP-5.1.7). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.1 for more details and screenshots. The user can upload in the Ballot Style Tab of the official ballot or sample ballot, if provided, as a pdf at the ballot style level. API extract into the ballot system and machines can be configured but this feature is not currently in the out of box model. Solution will be configured to meet the criteria of the Requirement.
EP-5.1.8		Ballot Quantity Estimate	Does the Solution provide a tool to estimate how many ballots should be printed based upon historical turnout from similar profile races? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS currently defines "Total Active Count" and a "Buffer" count, for a ballot style. Additionally, it produces a Grand Total value (Active + Buffer, All Styles) at the top of the Ballot Styles screens to help estimate number of ballots to print per style and total for the county (EP-5.1.8). The default buffer is either "5% of Active Voter Count" OR "Total Inactive Voter Count" for the ballot style, whichever is larger. The buffer percentage is configurable. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.1 for more details and screenshots.

EP-5.1.9		Publish Sample Ballots	Does the Solution provide the ability for a voter to view their sample ballot online via a web interface? Please describe.	P		CONFIGURE CURRENT FUNCTIONA LITY-ELECT WILL WAIT FOR ROADMAP	Ballot Styles are associated to Voters; depending on the needs of the Commonwealth of Virginia, the uploaded Sample Ballot or a Report can be published to the Public Portal for a voter to view (EP-5.1.9); while this feature is not currently on the Public Portal, the infrastructure to support this functionality is—and can be prioritized for the Commonwealth of Virginia. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.1 for more details and screenshots.
EP-5.1.10		Establish Expected Ballot Ready Dates	Does the Solution provide for the capture, for each locality, of two expected ballot ready dates: 1) the date which absentee ballots are expected to be ready to mail to absentee voters, and 2) the date which absentee ballots are expected to be ready to email or fax to absentee voters, with the dates propagated to approved absentee ballot records as the default ballot sent date for the appropriate send method (i.e. mail, email/fax)? Please describe.	Y		CONFIGURE CURRENT FUNCTIONA LITY-ELECT WILL WAIT FOR ROADMAP	The System Configuration Election Calendar allows the ability to define key e-dates to auto-populate an election based on the election date (EP-5.1.10). Example: Mail Ballot date is forty-five days prior to an election, the official would define "e-45". Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.1 for more details and screenshots. Dates are not populated from the election calendar. The election calendar does allow for UOCAVA dates and there are no enforcement or prompts. The sent date is not enforced by election calendar dates. The user would go into the ballot module, click ready for bulk print, and then separate by type and then the sent date is populated at that time. A future date can be populated for a third-party print vendor.
EP-5.1.10.1		Modify Expected Ballot Ready Dates	Does the Solution allow each locality to update its expected ballot ready dates, with the new date propagated to all approved absentee ballot records as the default ballot sent date for the appropriate send method (i.e. mail, email/fax)? Please describe.	Y		CONFIGURE CURRENT FUNCTIONA LITY-ELECT WILL WAIT FOR ROADMAP	The Election Calendar template can be modified directly in the election record in event there is a unique date for a specific election that deviates from the normal calendar (EP-5.1.10.1) ex: a global occurrence that impacts the election cycle. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.1 for more details and screenshots. The system populates date sent at the time of issuance. Currently, bulk mail is tracked in the history tab which is read only. Modifications would need to be added to the solution. The bulk mail process is a manual process and requires the user to make changes one by one.
EP-5.1.10.2	S	Modify Ballot Sent Date	Does the Solution provide the authorized user with the capability to modify the ballot sent date on absentee ballot records either individually or in bulk? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As described in more detail in the Absentee section, SVRS does allow for the Ballot mail date to be defined, and it is modifiable (EP-5.1.10.2). The change is tracked in the audit log for the ballot record, and includes the user who made the change and the date/time. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.1 for more details and screenshots. The solution allows for the user to go into the system post issuance and modify each one individually. Bulk updates will need to be added to the solution. The solution will be configured to meet the criteria of the Requirement.
EP-5.1.11	S	Dual Primary Ballots	Does the Solution support the creation of a ballot for dual primary elections? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS prevents duplicate elections of the same Date/Type/Jurisdiction, it allows for overlapping and dual elections (EP-5.1.11). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.1 for more details and screenshots. The solution will allow for dual primary ballots on the same date. The solution will be configured to meet the criteria of this requirement.
EP-5.1.12	S	Closed Party Primary Ballots	Does the Solution support the creation of a ballot for closed party primaries based on a voter's party affiliation? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Ballot Styles are automatically generated (EP-5.1.1) from the unique overlap of election district boundaries, political parties (if applicable) (EP-5.1.12), and languages (if applicable) within the election (EP-5.1.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.1 for more details and screenshots.
EP-5.1.13	F, S	Federal-only Ballot	Does the Solution support the creation of a ballot with only the federal offices available for the voter to vote for? Please describe.	P	FWAB	Yes	Supplier will ensure its SVRS fulfills the Requirement. The infrastructure can support this. If the "Federal" Ballot style is referring to federal representatives elected under the US Senate district and/or US House of Representatives district(s) (EP-5.1.13)—this can be incorporated for the Commonwealth of Virginia, but it is not by default in SVRS. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.1 for more details and screenshots. The solution will be configured to meet the criteria of this requirement.
EP-5.1.14	S	Presidential Election-only Ballot	Does the Solution support the creation of a president-only ballot available to voters for a presidential election only? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. The infrastructure can support this. In regards to Federal Ballot Styles: while SVRS can be modified to create a Federal-Only ballot style during ballot generation for elections where the Federal district ("United States") is included, for presidential candidates (EP-5.1.14). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.1 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
EP-5.1.15	S	Referendum-only Ballot	Does the Solution support the creation of a ballot with only referendums available to voters? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. The infrastructure can support this. SVRS infrastructure is setup to accommodate the creation of unique ballots styles such as "Measure Only" styles (EP-5.1.15). However, this is not by default in SVRS. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.1 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
EP-5.2		Pollbook					
EP-5.2.1		Importing and Exporting With Electronic Pollbook (EPB) Applications	Does the Solution support importing and exporting with all Electronic Pollbook Applications (EPB) approved by ELECT? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS does support integration with any Rest/API framework or Import/Export processes such as an Electronic Pollbook Applications (EPB) approved by ELECT (EP-5.2.1). The frequency of this integration can be defined by the Commonwealth of Virginia or created as a configuration within SVRS. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.2 for more details and screenshots.
EP-5.2.1.1	S	Export Voter Data to Pollbook	Does the Solution support the export of voter pollbook data that includes a list of all eligible voters in a geographic area with all data required to verify and check in a voter, with data exported in formats supported by each of the State Board approved electronic pollbook applications, supporting the Electronic Pollbook (EPB) export early enough in the election cycle to perform pre-processing and no-	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The Pollbook generation process in SVRS is customized state-to-state due to differing rules and data setups. Current implementations of this include Extracts (EP-5.2.1.1), Supplemental Data, Absentee Status (EP-5.2.1.2), and Data Comparison (EP-5.2.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.2 for more details and screenshots.
EP-5.2.1.2		Absentee Pollbook	Does the Solution support the export of voter pollbook data with only absentee voters listed, and include a barcode that translates into a voter ID and election for every voter? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The Pollbook generation process in SVRS is customized state-to-state due to differing rules and data setups. Current implementations of this include Extracts (EP-5.2.1.1), Supplemental Data, Absentee Status (EP-5.2.1.2), and Data Comparison (EP-5.2.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.2 for more details and screenshots.

EP-5.2.2		Electronic Pollbook (EPB) Synchronization	Does the Solution support the use of satellite voting locations, with electronic pollbooks (EPB) updated in real-time during the no-excuse absentee period, to prevent voters from casting multiple ballots at different precincts, and when emergency absentee ballots are used? Please describe.	Y		CONFIGURE CURRENT FUNCTIONALITY-ELECT WILL WAIT FOR ROADMAP	Supplier will ensure its SVRS fulfills the Requirement. All Central Absentee Precinct (CAP) tasks can be performed without exposing the full suite of SVRS tools or data to temp support. If desired, the Commonwealth of Virginia chose to integrate SVRS with existing Pollbook tools instead (EP-5.2.2) similar to other modules in SVRS. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.2 for more details and screenshots. The solution does not currently have API with any electronic pollbooks. API could be configured but would need to be configured in the system for external electronic pollbook. Poll Pack is currently on the roadmap.
EP-5.2.3	S	Import Voter Credit From Pollbook	Does the Solution support the import of voter credit data, using a voter identifier and no Personally Identifiable Information (PII), allowing for a single import, containing voter credit across all parties, in a format defined by ELECT? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 6 (24.2-668)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Data Import from integrated ePollbooks (EP-5.2.3) would have to be customized; however, in the event the SVRS Election Day Portal (described below) is used to collect voter credit—this is immediately consumed within SVRS. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.2 for more details and screenshots.
EP-5.2.4		Data Validation Reports	Does the Solution provide reports which highlight discrepancies on voter records, such as are used to verify and correct voter records before extracting the pollbook? Please describe.	Y		Yes	The Pollbook generation process in SVRS is customized state-to-state due to differing rules and data setups. Current implementations of this include Extracts (EP-5.2.1.1), Supplemental Data, Absentee Status (EP-5.2.1.2), and Data Comparison (EP-5.2.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.2 for more details and screenshots. The solution organizes by voters and election voters. Election voters are validated and appear in the pollbook. Active voters appear in the election workspace. The solution does not provide a comb over concept of the pollbook. Any list could be generated via *****.
EP-5.2.5	S	Paper Pollbook	Does the Solution provide the authorized user with the capability to generate and print a paper pollbook, containing the same information as the export voter pollbook data file, allowing the user to choose sort order and to generate a barcode for every voter that can be scanned to check in a voter and apply voter credit? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 6 (24.2-611)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Printing formats will be customized for the Commonwealth of Virginia (EP-5.2.5). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.2 for more details and screenshots. The solution provides a bar code at the end of each voter row of the paper pollbook. The bar code contains voter name, address, and ID requirement if applicable.
EP-5.3		Ranked Choice Voting					
EP-5.3.1	S	Ranked Choice Voting (RCV)	Does the Solution offer Ranked Choice Voting/ (RCV)? Please describe.	P	LIS Chapter 713 LIS Chapter 1054	Yes	Supplier will ensure its SVRS fulfills the Requirement. The infrastructure can support this. While not currently implemented, Ranked Choice Voting is simply a different way of generating ballot styles and consuming the values of votes from the tabulator, this would be easy to implement to the needs of the Commonwealth of Virginia as the base infrastructure to support this is already in place in SVRS and user configurations to allow the state more autonomy as laws change. (EP-5.3.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.5.3 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
EP-5.4		Voting Equipment					
EP-5.4.1		Voting Equipment	Does the Solution provide an inventory management capability for voting equipment, including chain-of-custody, machine status, and machine location, and provide an inventory management capability for electronic pollbook equipment and software? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in the Vote Locations section, SVRS does have an Inventory List feature in Locations, and the inventory module is in development. More enhancement will be necessary to include Commonwealth of Virginia specific details such as "chain of custody" or to integrate with IoT solutions for location tracking. (EP-5.4.1). The Canton Group will meet VA ELECT requirements prior to GoLive. The Canton Group will conduct Fit-GAP analysis from the current design and implement the appropriate solution to meet Virginia needs. "Partial" is the indication of the need to perform Fit-GAP analysis during implementation. An inventory management tool to be able to track and provide a chain of custody is in development. Currently, the solution provides basic inventory list status at location level. The solution will be configured to meet the criteria of the Requirement
EP-5.5		Voting Information Project (VIP)					
EP-5.5.1	F	Voting Information Project (VIP)	Does the Solution provide a method to track all election, referendum, office, district, street, and poll location information required by the Voting Information Project (VIP)? Please describe.	Y	Voting Information Project	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS tracks all election, referendum, office, district, street, and poll location information required by the Voting Information Project (VIP) in the overall SVRS modules, but those specific to the election in the Election Workspace for point-in-time generation of data as well. (EP-5.5.1)

"Official" RFP #'s	Federal, State, Regulatory	ELECT Specification Title	Requirement	Implementation Status Yes (Y) Partial (P) Future (F) No (N)	Reference links to fulfill the listed requirement. <i>The links to any Federal, State or Regulatory requirements are provided for the Supplier to reference and review to ensure compliance.</i>	ELECT Must Have	ELECT Proposed Final Contract language/remaining questions/clarifications
Absentee Voting (124)							
AV-6.1	F, S, R	EAVS Survey					
AV-6.1.1	F	Election Administration and Voting Survey (EAVS) Section A Statistics	Does the Solution support the collection of statistics required to answer questions contained within the Election Administration and Voting Survey (EAVS) Section B and C, providing an indicator that a voter applying to vote absentee has registered to vote by mail and is voting for the first time in the locality for federal and state elections? Please describe.	Y	U.S. Elections Assistance Commission (EAC)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS Data Analytics tool that is utilized with ***** can be utilized to produce Election Administration and Voting Survey (EAVS) Section A Statistics (AV-6.1.1). EAVS Standardized Reports/Extracts are a part of the SVRS Roadmap. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.2 for more details and screenshots. All the data is captured and is available to Elect to customize to see what the report needs to have to meet Commonwealth needs.
AV-6.2		Management of Documents					
AV-6.2.1		Electronic Document Storage	Does the Solution support the electronic storage of all documents related to absentee voting? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The voter record itself does not have a limit on the number of attachments or scanned documents (AV-6.2.3), currently SVRS supports scanned images up to 300DPI and the common image and pdf formats and are stored as blobs (AV-6.2.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.2 for more details and screenshots.
AV-6.2.1.1		Scanned Documents	Does the Solution support the acquisition of absentee voting-related documents directly from a scanner, as well as an electronic file containing an image? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The Vote by Mail (Absentee) ballot details screen for a voter can contain multiple records, and multiple scanned images (AV-6.2.1.1) for the returned ballot envelope. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.2 for more details and screenshots.
AV-6.2.1.2		Emailed Documents	Does the Solution support the capture and storage of electronic mail and attachments related to absentee voting? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The voter record itself does not have a limit on the number of attachments or scanned documents (AV-6.2.3), currently SVRS supports scanned images up to 300DPI and the common image and pdf formats and are stored as blobs (AV-6.2.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.2 for more details and screenshots.
AV-6.2.2		Document Metadata	Does the Solution support the creation and storage of metadata associated with an absentee voting document, including the document type, and comments? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Document metadata is currently stored in the background tables, but can be made visible on the User Interface (UI) (AV-6.2.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.2 for more details and screenshots. The solution will be configured to meet the criteria of this Requirement.
AV-6.2.3		Document Association	Does the Solution support the association of one or more documents to the voter record or part of their record or transaction history, such as an absentee ballot application transaction? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The voter record itself does not have a limit on the number of attachments or scanned documents (AV-6.2.3), currently SVRS supports scanned images up to 300DPI and the common image and pdf formats and are stored as blobs (AV-6.2.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.2 for more details and screenshots.
6.3		Absentee Reports and Lists					
AV-6.3.1	R	Absentee Reports	Does the Solution produce absentee voting-related reports containing the data stored in the Solution? Please describe.	Y	GREB Handbook	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS Data Analytics tool that is utilized with ***** can be utilized to produce any number of ballot metric analysis reports, as well as standardized reports Election section of the SVRS report engine (AV-6.3.1). Specific standardized reporting for the Commonwealth of Virginia can be customized (AV-6.3.1.3) (AV-6.3.1.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.3 for more details and screenshots.
AV-6.3.1.1	S	Lists of Absentee Voter Applicants	Does the Solution produce reports containing the names of applicants who have submitted an absentee voter application, and associated information? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-710)	Yes	Supplier will ensure its SVRS fulfills the Requirement. As the absentee applicant process in Virginia includes elements of approval and status, the Voter Search module can be modified to include a tab for Absentee Applicant search criteria and column fields, to easily produce a workable list of Absentee applicants as well as the ability to filter this. (AV-6.3.1.1) (AV-6.3.1.2) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.3 for more details and screenshots. The solution can offer this information globally across the voter base. The solution offers a lot of reports and the format of these reports are customizable for a particular view. Search features are available to filter without running a report. These features can also be customized.
AV-6.3.1.2	S	Filtering of Absentee Voter Applicant List	Does the Solution support the filtering of applicants to appear on the list of absentee voter applicants by various criteria, including a date and time, as well as election? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-701)	Yes	Supplier will ensure its SVRS fulfills the Requirement. As the absentee applicant process in Virginia includes elements of approval and status, the Voter Search module can be modified to include a tab for Absentee Applicant search criteria and column fields, to easily produce a workable list of Absentee applicants as well as the ability to filter this. (AV-6.3.1.1) (AV-6.3.1.2) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.3 for more details and screenshots.
AV-6.3.1.3	S	Statistic Report	Does the Solution produce a report containing the statistical details of ballots and applications? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-706) Code of Virginia - TITLE 24.2, Chapter 7 (24.2-710) Code of Virginia - TITLE 24.2, Chapter 7 (24.2-711) Code of Virginia - TITLE 24.2, Chapter 7 (24.2-712)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS Data Analytics tool that is utilized with ***** can be utilized to produce any number of ballot metric analysis reports, as well as standardized reports Election section of the SVRS report engine (AV-6.3.1). Specific standardized reporting for the Commonwealth of Virginia can be customized (AV-6.3.1.3) (AV-6.3.1.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.3 for more details and screenshots.
AV-6.3.1.4	S	Returned Ballots	Does the Solution produce a report containing the list of voters who have returned their ballots? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-711) Code of Virginia - TITLE 24.2, Chapter 7 (24.2-712)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS Data Analytics tool that is utilized with ***** can be utilized to produce any number of ballot metric analysis reports, as well as standardized reports Election section of the SVRS report engine (AV-6.3.1). Specific standardized reporting for the Commonwealth of Virginia can be customized (AV-6.3.1.3) (AV-6.3.1.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.3 for more details and screenshots.

6.4		Transactional Metadata				
AV-6.4.1	S	Transactional Metadata for Application	Does the Solution capture transactional metadata about the absentee ballot application, including, but not limited to, the postmark date of application (for mailed registration), date and time of receipt, date and time of processing, the method by which the request was received, the method by which ballot will be sent, and the absentee ballot application form used? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-701)	Yes Supplier will ensure its SVRS fulfills the Requirement. Data collection for the absentee ballot application currently includes the method by which the request was received and the method by which ballot will be sent, this is performed on the Election tab of the Voter details record. Additional fields for Virginia-specific absentee applications will be added to SVRS (AV-6.4.1), but would not be complicated to incorporate. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
AV-6.5		System of Inquiry				
AV-6.5.1	S	Interfaces for System of Inquiry	Does the Solution provide electronic interfaces necessary to convey the status of a voter's absentee ballot application, and absentee ballot on a per election basis? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-711.1)	Yes Supplier will ensure its SVRS fulfills the Requirement. The solution allows for a new application to be located and view the records. The solution will be configured for the view or add the absentee ballot to the public portal. Backend security features can be provided through secured services with external end points such as DMV. Access through UI is preferred. A voter can see sufficient amount of private data that is provided via the portal. The solution will be configured to meet the criteria of this requirement.
AV-6.5.2	S	Emailed and Accessible Ballots	Does the Solution provide electronic interfaces necessary to convey emailed accessible ballots to print for disabled voters and ballots to UOCAVA voters and other qualified voters? Please describe.	Y	New Virginia Legislation - 2021 Session	Yes Supplier will ensure its SVRS fulfills the Requirement. SVRS is an elections platform, and as such each module is even designed as a microservice, this extends to external Rest/API integrations. Unique integrations would need more details to define, such as for Virginia-specific needs such as Ballot Application status email or text delivery services—however, this could also be done on the Public Portal (AV-6.5.1) Interfacing for ADA compliance ballot delivery is possible within the SVRS infrastructure (AV-6.5.2) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.5 for more details and screenshots. The solution provides remote access by mail. The email, content, server will be configured, but the ability is already built into the system.
AV-6.5.3	S	Ballot Tracking	Does the Solution ingest interfaces provided by ballot tracking systems, i.e., Democracy Works' Ballot Scout? Please describe.	Y	Code of Virginia - Administrative Code - TITLE 1, Agency 20 ,Chapter 70, Section 70	Yes Supplier will ensure its SVRS fulfills the Requirement. SVRS is an elections platform, and as such each module is even designed as a microservice, this extends to external Rest/API integrations. Unique integrations would need more details to define, such as for Virginia-specific needs such as Ballot Application status email or text delivery services—however, this could also be done on the Public Portal (AV-6.5.1) Interfacing for ADA compliance ballot delivery is possible within the SVRS infrastructure (AV-6.5.2) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.5 for more details and screenshots. The solution offers Ballot Tracks, which is similar in concept to Democracy Works' Ballot Scout, but the system can be configured to Elect's tracking tool. The security and authentication will be defined with Elect.
AV-6.6		Manual Remote Data Entry				
AV-6.6.1		Data Entry	Does the Solution support entry of absentee ballot applications from multiple sources? Please describe.	Y		Yes Supplier will ensure its SVRS fulfills the Requirement. SVRS supports both Polling Place (Absentee) and Vote Center (Mail Ballot) election models. In the current implementation, the design includes the ability to define UOCAVA voters and election-specific addresses. In addition to this, (for example) California allows a "Vote by Mail" flag. This flag is used to indicate whether or not the voter receives an absentee during Polling Place elections. For Virginia, this will be expanded to include statuses, sources, and multiple applications over the course of time. (AV-6.6.1) (AV-6.6.1.1) (AV-6.6.1.2) (AV-6.6.2) (AV-6.6.2.1) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.6 for more details and screenshots. The solution requires a manual process when adding or modifying to the voter record which a comment and image can be added.
AV-6.6.1.1	S	Manual Data Entry	Does the Solution provide for manual entry of absentee ballot applications? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-703.1) Code of Virginia - TITLE 24.2, Chapter 7 (24.2-702.1)	Yes Supplier will ensure its SVRS fulfills the Requirement. SVRS supports both Polling Place (Absentee) and Vote Center (Mail Ballot) election models. In the current implementation, the design includes the ability to define UOCAVA voters and election-specific addresses. In addition to this, (for example) California allows a "Vote by Mail" flag. This flag is used to indicate whether or not the voter receives an absentee during Polling Place elections. For Virginia, this will be expanded to include statuses, sources, and multiple applications over the course of time. (AV-6.6.1) (AV-6.6.1.1) (AV-6.6.1.2) (AV-6.6.2) (AV-6.6.2.1) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.6 for more details and screenshots.
AV-6.6.1.2		Central Absentee Precinct Absentee Ballot Application Processing	Does the Solution support the entry, recording, and processing of absentee ballot applications at a Central Absentee Precinct (CAP)? Please describe.	Y		Yes Supplier will ensure its SVRS fulfills the Requirement. SVRS supports both Polling Place (Absentee) and Vote Center (Mail Ballot) election models. In the current implementation, the design includes the ability to define UOCAVA voters and election-specific addresses. In addition to this, (for example) California allows a "Vote by Mail" flag. This flag is used to indicate whether or not the voter receives an absentee during Polling Place elections. For Virginia, this would need to be expanded to include statuses, sources, and multiple applications over the course of time. (AV-6.6.1) (AV-6.6.1.1) (AV-6.6.1.2) (AV-6.6.2) (AV-6.6.2.1) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.6 for more details and screenshots. The central absentee precinct will need to be added to the solution.
AV-6.6.2	S	Electronic Data Entry	Does the Solution provide interfaces for electronic receipt of absentee ballot applications from, but not limited to, the Citizen Portal, and other authorized entities? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-701)	Yes Supplier will ensure its SVRS fulfills the Requirement. SVRS supports both Polling Place (Absentee) and Vote Center (Mail Ballot) election models. In the current implementation, the design includes the ability to define UOCAVA voters and election-specific addresses. In addition to this, (for example) California allows a "Vote by Mail" flag. This flag is used to indicate whether or not the voter receives an absentee during Polling Place elections. For Virginia, this will be expanded to include statuses, sources, and multiple applications over the course of time. (AV-6.6.1) (AV-6.6.1.1) (AV-6.6.1.2) (AV-6.6.2) (AV-6.6.2.1) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.6 for more details and screenshots. Currently, the solution integrates the electronic absentee receipt using the Citizen portal. For any new entities that want to integrate will need a data contract. For any fields that are present, Elect can handle but if new fields are needed, a developer would be required.

AV-6.6.2.1	F	Common Data Format	Does the Solution provide interfaces for electronic receipt of absentee ballot applications using the NIST SP 1500-103 Voter Records Interchange Common Data Format (CDF) specification? Please describe.	Y	NIST.SP.1500-103	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS supports both Polling Place (Absentee) and Vote Center (Mail Ballot) election models. In the current implementation, the design includes the ability to define UOCAVA voters and election-specific addresses. In addition to this, (for example) California allows a "Vote by Mail" flag. This flag is used to indicate whether or not the voter receives an absentee during Polling Place elections. For Virginia, this will be expanded to include statuses, sources, and multiple applications over the course of time. (AV-6.6.1) (AV-6.6.1.1) (AV-6.6.1.2) (AV-6.6.2) (AV-6.6.2.1) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.6 for more details and screenshots. The interface can support and can internally obtain information. Data contract would be required with any external entity that is supporting data and if new data fields are required.
AV-6.7		Operations and Maintenance of Absentee Records					
AV-6.7.1		Absentee Ballot Application Search Filter, and View	Does the Solution provide the authorized user with the capability to search, filter, and view an absentee ballot application using combinations of criteria? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As with most SVRS modules, the Ballot screen starts with a search screen (AV-6.7.1) which allows users to access ballot records and produce a working list of ballots and voters who have ballots for the election workspace. Search results can be extracted for privileged users. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.7 for more details and screenshots. The solution allows the user to search certain features based on data elements. Election details in the system is searchable and granular. The system allows for a search based feature on voting method or type of ballot. The historical information is contained on the voter record. In-flight ballots are captured within the election workspace. All searches are extractable. The solution will need to include applications for Absentee Ballots.
AV-6.7.1.1		Search, Filter, and View Absentee Ballot Application by Barcode	Does the Solution provide the authorized user with the capability to search, filter, and view an absentee ballot application by scanning a barcode associated with the application? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS's Perennial Header includes a Ballot ID quick search which allows users to barcode scan (AV-6.7.1.1) or hand-type a Ballot ID for their Election Workspace and it immediately pulls up the Ballot Details record —no need to navigate around the system first. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.7 for more details and screenshots.
AV-6.7.2	F, S	Administration on Absentee Records	Does the Solution support administration of absentee ballot applications, i.e., set ballot ready dates, generate ongoing ballot, generate labels, communications? Please describe.	Y	UOCAVA Code of Virginia - TITLE 24.2, Chapter 7 (24.2-700)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The full ballot lifecycle is managed from within the Ballot module (AV-6.7.2). Though access to the ballot record can be accomplished directly from an individual voter record, all bulk processes are done from within the Ballot module. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.7 for more details and screenshots. The labels and notifications are configurable to meet the Commonwealth requirements. For generated labels, it provides the election details and once triggered, will automatically be put into the queue but the actual ballot will not be mailed. Currently, the system does not enforce any notifications to the user. The system shows the total pending notifications in the dashboard or there is a metric to show how many ballots are coming up on the expiration date. Alerts can be added to the system.
AV-6.7.3	S	New Absentee Ballot Application	Does the Solution support the creation of one or more absentee ballot applications associated with a voter registration record, or a person's master record (non-registrant)? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-700)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS supports both Polling Place (Absentee) and Vote Center (Mail Ballot) election models. In the current implementation, the design includes the ability to define UOCAVA voters and election-specific addresses. In addition to this, California allows a "Vote by Mail" flag. This flag is used to indicate whether or not the voter receives an absentee during Polling Place elections. For Virginia, this will be expanded to include statuses (AV-6.7.6) (AV-6.7.11), sources, and duplicate (AV-6.7.5) or multiple applications (AV-6.7.3) (AV-6.7.10). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.7 for more details and screenshots. The solution offers multiple ways for the creation of more than one absentee ballot applications. Reason codes in the system will be configured. The solution will be configured to meet the criteria of the Requirement.
AV-6.7.4	S	Americans with Disabilities Act (ADA) Identification	Does the Solution support the identification of Americans with Disabilities Act (ADA) absentee voters, i.e., voters requesting assistance? Please describe.	Y	New Virginia Legislation - 2021 Session	Yes	Supplier will ensure its SVRS fulfills the Requirement. The user can define one or multiple Voter Assistance metrics for voters who have a disability or impairment that requires accommodation on the ballot or at the poll site. (AV-6.7.4) (AV-6.7.4.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.7 for more details and screenshots.
AV-6.7.4.1	S	Americans with Disabilities Act (ADA) Absentee Applications	Does the Solution provide the authorized user with the capability to process an absentee application submitted by ADA voters? (i.e. from voters with visual impairment and print disabilities, etc.) Please describe.	Y	New Virginia Legislation - 2021 Session	Yes	Supplier will ensure its SVRS fulfills the Requirement. The user can define one or multiple Voter Assistance metrics for voters who have a disability or impairment that requires accommodation on the ballot or at the poll site. (AV-6.7.4) (AV-6.7.4.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.7 for more details and screenshots. Our software supports tracking of Absentee Applications submitted by ADA voters who need Voter Assistance. This process is performed by existing clients, our solution tracks issuance of ballots by Assistance Format (ex: RAVBM, Large Format, Audio, etc). The Canton Group will meet VA ELECT requirements prior to GoLive. The Canton Group will conduct Fit-GAP analysis from the current design and implement the appropriate solution to meet Virginia needs. "Partial" is the indication of the need to perform Fit-GAP during implementation.
AV-6.7.5		Duplicate Absentee Ballot Applications	Does the Solution support the capture and processing of duplicate absentee requests? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS supports both Polling Place (Absentee) and Vote Center (Mail Ballot) election models. In the current implementation, the design includes the ability to define UOCAVA voters and election-specific addresses. In addition to this, California allows a "Vote by Mail" flag. This flag is used to indicate whether or not the voter receives an absentee during Polling Place elections. For Virginia, this will be expanded to include statuses (AV-6.7.6) (AV-6.7.11), sources, and duplicate (AV-6.7.5) or multiple applications (AV-6.7.3) (AV-6.7.10). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.7 for more details and screenshots. If the voter is already a permanent voter by mail, the user would attach an image if a second request is received. The user would update the record, attach image, and select justification. Currently, the system does not offer tracking of changes to a voter history. The solution will be configured to meet the criteria of the Requirement.

AV-6.7.6	S	Absentee Ballot Application Cancellation	Does the Solution support processing and recording the cancellation of an existing absentee ballot application, including the reason for the cancellation? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-703.1) Code of Virginia - TITLE 24.2, Chapter 7 (24.2-706) Code of Virginia - TITLE 24.2, Chapter 4 (24.2-427)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS supports both Polling Place (Absentee) and Vote Center (Mail Ballot) election models. In the current implementation, the design includes the ability to define UOCAVA voters and election-specific addresses. In addition to this, California allows a "Vote by Mail" flag. This flag is used to indicate whether or not the voter receives an absentee during Polling Place elections. For Virginia, this will be expanded to include statuses (AV-6.7.6) (AV-6.7.11), sources, and duplicate (AV-6.7.5) or multiple applications (AV-6.7.3) (AV-6.7.10). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.7 for more details and screenshots. Currently, the system does not provide the status of an absentee ballot request but this feature will be added.
AV-6.7.7		Absentee Ballot Application Transfer	Does the Solution support the transfer of an approved absentee ballot application to a different locality? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Voter Moves include existing or historically information, even absentee ballot applications (AV-6.7.7) (AV-6.7.8); it should be noted that active ballots for the voter "transfer" too, but are automatically "suspended" when they switch jurisdictions. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.7 for more details and screenshots. Shifting localities for absentee ballot application is dependent on who has the ability to edit the record. The absentee ballot application is controlled by the jurisdiction. Supplier will work with ELECT to configure solution to meet the criteria in this Requirement.
AV-6.7.8		Unprocessed Absentee Ballot Applications	Does the Solution support the transfer of unprocessed absentee requests received electronically? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Voter Moves include existing or historically information, even absentee ballot applications (AV-6.7.7) (AV-6.7.8); it should be noted that active ballots for the voter "transfer" too, but are automatically "suspended" when they switch jurisdictions. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.7 for more details and screenshots. The unprocessed absentee requests stay with the voter record. Supplier will work with ELECT to configure solution to meet the criteria of this Requirement.
AV-6.7.9		Absentee History	Does the Solution support the storage and retrieval of the transactional history of a voter's absentee ballot applications? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS currently stores ballot-specific audit logs in a transactional database, as all actions throughout the system are tracked, but this information is presently visible only behind the scenes. If this is a priority, it can be included on the SVRS ballot details screen (AV-6.7.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.7 for more details and screenshots. The solution will be configured to meet the criteria in this Requirement.
AV-6.7.10	S, F	Absentee Ballot Application Forms	Does the Solution support the recording of information contained on forms prescribed by ELECT, the Federal Post Card Application, or Federal Write-In Ballot (non-ballot portion)? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-701.1) Code of Virginia - TITLE 24.2, Chapter 7 (24.2-703) UOCAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS supports both Polling Place (Absentee) and Vote Center (Mail Ballot) election models. In the current implementation, the design includes the ability to define UOCAVA voters and election-specific addresses. In addition to this, California allows a "Vote by Mail" flag. This flag is used to indicate whether or not the voter receives an absentee during Polling Place elections. For Virginia, this will be expanded to include statuses (AV-6.7.6) (AV-6.7.11), sources, and duplicate (AV-6.7.5) or multiple applications (AV-6.7.3) (AV-6.7.10). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.7 for more details and screenshots. For non-ballots, the user can add the ballot to the voting history of the voter record. For a provisional non-ballot, the system can be configured to capture fields as needed, and to add business process to the voter record. For absentee records, the system goes through a red, green, and yellow approval process to check to see if the voter has already voted with the ability of the user to override as needed. The solution will be configured to include ELECT specific absentee application forms.
AV-6.7.11		Pending Absentee Ballot Applications	Does the Solution save an absentee ballot application whose disposition has not been determined for later processing? (The absentee ballot application should be tied to the applicant's voter registration record, or master record if no registration record exists.) Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS supports both Polling Place (Absentee) and Vote Center (Mail Ballot) election models. In the current implementation, the design includes the ability to define UOCAVA voters and election-specific addresses. In addition to this, California allows a "Vote by Mail" flag. This flag is used to indicate whether or not the voter receives an absentee during Polling Place elections. For Virginia, this will be expanded to include statuses (AV-6.7.6) (AV-6.7.11), sources, and duplicate (AV-6.7.5) or multiple applications (AV-6.7.3) (AV-6.7.10). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.7 for more details and screenshots. A voter must exist to associate an absentee ballot application. If the voter does not exist, then it is not associated. The system will be configured for status levels at the application level. The solution will be configured to meet the criteria of this Requirement.
AV-6.7.12		Incomplete Absentee Ballot Application	Does the Solution support the electronic recording of incomplete absentee ballot applications? Please describe.	F		Yes	Supplier will ensure its SVRS fulfills the Requirement. The workflows associated to a Virginia absentee application processes are not currently built-out in SVRS as these are not used by current implementations. This requirement goes back to a status which will be added to the solution. The solution will be configured to meet the criteria of the Requirement.
AV-6.7.12.1		Incomplete Absentee Correspondences	Does the Solution generate correspondence letters informing an applicant of material omissions on their absentee ballot application? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. While a user can create any needed voter correspondence (AV-6.7.12.1) for manual issuance is a default functionality in SVRS, tying it to an automated workflow trigger would require additional work. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.7 for more details and screenshots. The solution allows for a notice to be generated manually, but an automatic notice to be generated will be configured. The solution will be configured to meet the criteria of the Requirement.
AV-6.8		Absentee Ballot Applications, Effective Periods.					
AV-6.8.1	S	Election-based Absentee Ballot Application	Does the Solution support absentee ballot application forms that indicate the applicant will receive a ballot for a single election? Please describe.	F	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-705) Code of Virginia - TITLE 24.2, Chapter 7 (24.2-705.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Citizen residents of the state traveling for work, school, pleasure may find themselves out of state overlapping an election. For this, they may contact the election offices to let them know an election-specific mailing address (AV-6.8.1). In SVRS, this is done on the Voter's Election tab. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. The solution will be configured to meet the criteria of

					Code of Virginia - TITLE 24.2, Chapter 7 (24.2.705.2)		the Requirement.
AV-6.8.2	S	Ongoing based Absentee Ballot Application	Does the Solution support absentee ballot application forms that indicate the applicant will receive ballots for all eligible elections over a specified period of time? Please describe.	F	Code of Virginia - TITLE 24.2, Chapter 7 (24.2.703.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS currently supports Permanent Vote by Mail, Election Specific Vote by Mail, and UOCAVA. Date-Range Absentee status would not be difficult to implement. This is similar to the process in the State of Maryland and would be incorporated with the Virginia Absentee Application process (AV-6.8.2.1) (AV-6.8.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
AV-6.8.2.1	S, F	Length of Time of Application	Does the Solution provide the authorized user with the capability to make changes to the length of time an absentee ballot application is effective, based on the form used? Is time specifiable in number of months, calendar years, or permanently? Please describe.	F	Code of Virginia - TITLE 24.2, Chapter 7 (24.2.703.1) UOCAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS currently supports Permanent Vote by Mail, Election Specific Vote by Mail, and UOCAVA. Date-Range Absentee status would not be difficult to implement. This is similar to the process in the State of Maryland and would be incorporated with the Virginia Absentee Application process (AV-6.8.2.1) (AV-6.8.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
AV-6.8.2.2	S	Notice of Expiring Ongoing Application	Does the Solution generate correspondence letters informing an applicant with a currently effective ongoing application of the upcoming expiration of their application and provide a blank application? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 7 (24.2.703.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. While a user can create any needed voter correspondence (AV-6.8.2.2) for manual issuance by default in SVRS, tying it to an automated workflow trigger would require additional work. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
AV-6.8.2.3	S	Cancellation of Ongoing Application	Does the Solution support the cancellation of an ongoing application before its expiration, if the general registrar knows that the applicant is no longer a qualified voter, and records the reason for cancellation, i.e., voter request for cancellation? Please describe.	F	Code of Virginia - TITLE 24.2, Chapter 7 (24.2.703.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The workflows associated to a Virginia absentee application processes are not currently built-out in SVRS as these are not used by current implementations. The solution will be configured to meet the criteria of the Requirement.
AV-6.8.3		Single Effective Application	Does the Solution ensure that at most one approved absentee ballot application is effective for a voter for a single election? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 4 (24.2.)	Yes	Supplier will ensure its SVRS fulfills the Requirement. In the Voter Record, the user clicks "Add Election Specific Address" which allows the user to receive a vote by mail (absentee) ballot for one single election (AV-6.8.3). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
AV-6.8.4		Application Narrowing	Does the Solution indicate that accepting a new application will cause a narrowing of services made available to the voter? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Workflow modifications, unique to the Commonwealth of Virginia, will be defined (AV-6.8.4) (AV-6.8.6) (AV-6.8.6.1). The solution will be configured to meet the criteria of the Requirement.
AV-6.8.5		Federal Write-In Absentee Ballot (FWAB) Exception	Notwithstanding any other requirement in this section, does the Solution support the recording and management of FWAB Ballots, to prevent the receipt of a FWAB to cause an effective Federal Post Card Application (FPCA) application to be cancelled? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. FWAB ballot details are captured in the SVRS Voter History with "FWAB" as the Method (e.g., Ballot Type). This allows county elections staff to indicate that the Absentee FWAB was received, adjudicated, the source of receipt (email, mail, drop off, etc.) the date received, and apply voting history for accepted FWAB (AV-6.8.5). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. FPCA, Voter Registration and Absentee Application is processed in a single transaction. This allows the user to define the UOCAVA classification while registering the applicant. The absentee application / UOCAVA classification can also be processed separately on the voter registration record. If the voter re-registers via a non-FPCA request (non-UOCAVA), the services to receive Email or Fax ballots is no longer available for the voter. The Federal Write-In Absentee Ballot (FWAB, Voter Information) Voter Registration and Absentee information is processed in a single transaction. The FWAB (Official Ballot Backup) is recorded separately as a voter participation record in our solution. FPCA and FWAB Reports are available. The Canton Group will meet VA ELECT requirements prior to GoLive. The Canton Group will conduct Fit-GAP analysis from the current design and implement the appropriate solution to meet Virginia needs. "Partial" is the indication of the need to perform Fit-GAP during implementation. The solution will be configured to meet the criteria of the Requirement.
AV-6.8.6		Absentee Timing	Does the Solution determine if the particular absentee ballot application form may be accepted given the time it was received? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Workflow modifications, unique to the Commonwealth of Virginia, will be defined (AV-6.8.4) (AV-6.8.6) (AV-6.8.6.1). The solution will be configured to meet the criteria of the Requirement.
AV-6.8.6.1	S	Absentee Timing Provisions	Does the Solution allow an authorized user to set the time windows for which a particular absentee ballot application form may be accepted? Are dates configurable based on election date offsets? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 7 (24.2.419) Code of Virginia - TITLE 24.2, Chapter 7 (24.2.420.1) Code of Virginia - TITLE 24.2, Chapter 7 (24.2.700)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Workflow modifications, unique to the Commonwealth of Virginia, will be defined (AV-6.8.4) (AV-6.8.6) (AV-6.8.6.1). The solution will be configured to meet the criteria of the Requirement.
AV-6.8.7	S	No-reason Absentee	Does the Solution support absentee ballot application forms that do not require a reason to be accepted? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2.700)	Yes	Supplier will ensure its SVRS fulfills the Requirement. For Virginia, the absentee application process will be expanded to include statuses/reasons (AV-6.8.7) (AV-6.8.7.1) (AV-6.8.8.1) (AV-6.8.8.1) (AV-6.8.11.3) sources/methods (AV-6.8.13), and multiple applications over the course of time. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. The solution as described currently meets this requirement, but the system will need to be configured for an automatic workflow.
AV-6.8.7.1	S	No-reason Provisions	Does the Solution allow an authorized user to set the dates, forms, methods, or other attributes that indicate the voter may submit an absentee ballot application without a reason? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 7 (24.2.700)	Yes	Supplier will ensure its SVRS fulfills the Requirement. For Virginia, the absentee application process will be expanded to include statuses/reasons (AV-6.8.7) (AV-6.8.7.1) (AV-6.8.8.1) (AV-6.8.8.1) (AV-6.8.11.3) sources/methods (AV-6.8.13), and multiple applications over the course of time. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.

AV-6.8.8.1		Reason Absentee	Does the Solution support absentee ballot application forms that require the applicant to specify a reason in order to be accepted? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. For Virginia, the absentee application process will be expanded to include statuses/reasons (AV-6.8.7) (AV-6.8.7.1) (AV-6.8.8.1) (AV-6.8.8.1) (AV-6.8.11.3) sources/methods (AV-6.8.13), and multiple applications over the course of time. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
AV-6.8.8.1		Reasons and Supporting Information	Does the Solution support the establishment of a list of reasons, and whether that reason requires supporting information on a per form basis? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. For Virginia, the absentee application process will be expanded to include statuses/reasons (AV-6.8.7) (AV-6.8.7.1) (AV-6.8.8.1) (AV-6.8.8.1) (AV-6.8.11.3) sources/methods (AV-6.8.13), and multiple applications over the course of time. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
AV-6.8.9		Pending Voter Registrations	Does the Solution identify absentee ballot applications that are associated to a voter registration record that has an unprocessed or pending voter registration? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Pending Voters (excluding valid Underage voters who are 18 on or by election day) are not included in the election workspace, even if they have an accepted absentee application (AV-6.8.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. Absentee ballot applications can be associated to a voter registration record that is unprocessed or pending. The absentee applications are captured directly on an applicants record irrespective of its registration status. The Canton Group will meet VA ELECT requirements prior to GoLive. The Canton Group will conduct Fit-GAP analysis from the current design and implement the appropriate solution to meet Virginia needs. "Partial" is the indication of the need to perform Fit-GAP during implementation. The solution will be configured to meet the criteria of the Requirement.
AV-6.8.9.1		Processing Efficiency	Does the Solution support processing a voter registration record that has an unprocessed or pending registration and an unprocessed absentee as a single process? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. The Absentee application process described in this VA requirement implies that the existing SVRS image scanning process used for adding an image while updating the voter record would work well for Virginia. The application fields specific to the Commonwealth of Virginia absentee application will be added and would accomplish all change of address and other fields in a streamlined view for the users that would benefit from the standardization and validation processes already in-built to SVRS (AV-6.8.9.1) (AV-6.8.10) (AV-6.8.11) (AV-6.8.11.1) (AV-6.8.11.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
AV-6.8.10		Standardize address	Does the solution provide, for all residence addresses and domestic mailing addresses supplied on an absentee ballot application, the ability to standardize the address to a standard or set of standards specified by ELECT? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The Absentee application process described in this VA requirement implies that the existing SVRS image scanning process used for adding an image while updating the voter record would work well for Virginia. The application fields specific to the Commonwealth of Virginia absentee application will be added and would accomplish all change of address and other fields in a streamlined view for the users that would benefit from the standardization and validation processes already in-built to SVRS (AV-6.8.9.1) (AV-6.8.10) (AV-6.8.11) (AV-6.8.11.1) (AV-6.8.11.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. The solution will compare the standard address against Elect's library. The solution can use smart streets in addition for specific absentee addresses. The solution will be configured to meet the criteria of this Requirement.
AV-6.8.11	F	Update of Voter Record	Does the Solution identify absentee applications that contain updates to the voter's registration record? Please describe.	Y	UOCAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. The Absentee application process described in this VA requirements implies that the existing SVRS image scanning process used for adding an image while updating the voter record would work well for Virginia. The application fields specific to the Commonwealth of Virginia absentee application will be added and would accomplish all change of address and other fields in a streamlined view for the users that would benefit from the standardization and validation processes already in-built to SVRS (AV-6.8.9.1) (AV-6.8.10) (AV-6.8.11) (AV-6.8.11.1) (AV-6.8.11.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. Through the online portal the individual submitting can make the update at that time and continue with the request. The user can scan the paper request and update the fields.
AV-6.8.11.1	F, S	Change of Address	Does the Solution change a voter's residence address from information supplied on an absentee ballot application? Please describe.	Y	UOCAVA Code of Virginia - TITLE 24.2, Chapter 7 (24.2-701)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The Absentee application process described in this VA requirements implies that the existing SVRS image scanning process used for adding an image while updating the voter record would work well for Virginia. The application fields specific to the Commonwealth of Virginia absentee application will be added and would accomplish all change of address and other fields in a streamlined view for the users that would benefit from the standardization and validation processes already in-built to SVRS (AV-6.8.9.1) (AV-6.8.10) (AV-6.8.11) (AV-6.8.11.1) (AV-6.8.11.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots.
AV-6.8.11.2	F, S	Change of Name	Does the Solution change a voter's name from information supplied on an absentee ballot application? Please describe.	Y	UOCAVA Code of Virginia - TITLE 24.2, Chapter 7 (24.2-701)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The Absentee application process described in this VA requirements implies that the existing SVRS image scanning process used for adding an image while updating the voter record would work well for Virginia. The application fields specific to the Commonwealth of Virginia absentee application will be added and would accomplish all change of address and other fields in a streamlined view for the users that would benefit from the standardization and validation processes already in-built to SVRS (AV-6.8.9.1) (AV-6.8.10) (AV-6.8.11) (AV-6.8.11.1) (AV-6.8.11.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots.
AV-6.8.11.3	S	Non-overlapping Deadlines	Does the Solution determine if changes to the voter registration can be made given the date of receipt (or postmark)? If changes cannot be made, is it able to determine if those changes are material to the absentee request, and whether the voter can vote a regular ballot? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-416) Code of Virginia - TITLE 24.2, Chapter 4 (24.2-419) Code of Virginia - TITLE 24.2, Chapter 4 (24.2-452)	Yes	Supplier will ensure its SVRS fulfills the Requirement. For Virginia, the absentee application process will be expanded to include statuses/reasons (AV-6.8.7) (AV-6.8.7.1) (AV-6.8.8.1) (AV-6.8.8.1) (AV-6.8.11.3) sources/methods (AV-6.8.13), and multiple applications over the course of time. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. The solution allows for data entry to go beyond the close of registration. For a pre-registration date, the date is applied to the data work space. After the close of the registration date, the changes are not applied in the work space.

AV-6.8.12	S	Move of Locality for Existing Absentee	Does the Solution support the processing of an absentee request in a new locality of a voter who has a currently active absentee request in an old locality, but has since moved? Please describe.	Y	Code of Virginia - Administrative Code - TITLE 1, Chapter 60, Section 40	Yes	Supplier will ensure its SVRS fulfills the Requirement. When a voter moves within the Commonwealth of Virginia to another locality, that jurisdiction obtains control of the voter record when the residence address is updated to their jurisdiction through a registration process. This includes existing or historically information, even absentee ballot applications (AV-6.8.12). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. The application moves with the voter if the election is still open for the locality. The Supplier will work with the Elect for non-status. The solution will be configured to allow for the transfer or an absentee application for a voter who current has an active absentee application in another locality.
AV-6.8.13		Request Methods	Does the Solution provide the authorized user with the capability to establish the set of methods in which an absentee ballot application may be received for each request type (e.g., in-person, mail, ...etc.). Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. For Virginia, the absentee application process will be expanded to include statuses/reasons (AV-6.8.7) (AV-6.8.7.1) (AV-6.8.8.1) (AV-6.8.8.1) (AV-6.8.11.3) sources/methods (AV-6.8.13), and multiple applications over the course of time. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. This is currently at the voter level, not defined at the application level. The solution will be configured to meet the criteria of the Requirement.
AV-6.8.14	S	Five-day Waiting Period	Does the Solution determine if an absentee ballot application is subject to a waiting period, and if so, has met the five-day wait period, for voter registrations completed in-person at the same time an absentee ballot application is submitted, and record the five-day wait period status in the voter registration record? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 7 (24.2.701)	Yes	Supplier will ensure its SVRS fulfills the Requirement. A five-day waiting period to delay the addition of a new voter record into an election workspace to delay ballot issuance is possible (AV-6.8.14); however, this is not currently in SVRS. In SVRS, the voter is validated in real-time against Dept. of Health, Dept. of Corrections, DMV and SSA agencies in the present implementation allowing near real-time validation and issuance of ballots. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshot. The solution will be configured to meet the criteria of this Requirement.
AV-6.8.15	S	First-time Voter Must Show ID	Does the Solution determine if the applicant is a first time voter in their current locality who registered by mail, and therefore must present identification? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2.706)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The HAVA ID required flag on the Voter record means the voter must vote in person and show ID (AV-6.8.17) (AV-6.8.16) (AV-6.8.15). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. The solution can validate successfully through external sources (for example: DMV), if the voter is not marked as a HAVA ID. The Supplier will work with on Elect to define the business processes and the solution will be configured to meet the criteria in the Requirement.
AV-6.8.16	S	Mail Voter ID Requirement	Does the Solution identify if a first-time mail-in registrant voter must provide identification, if their registration was received via mail? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2.706) Code of Virginia - TITLE 24.2, Chapter 7 (24.2.706)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The HAVA ID required flag on the Voter record means the voter must vote in person and show ID (AV-6.8.17) (AV-6.8.16) (AV-6.8.15). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots.
AV-6.8.17	S, F	In-person Requirement	Does the Solution determine if the applicant must vote absentee in-person? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2.706) Code of Virginia - TITLE 24.2, Chapter 7 (24.2.706) HAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. The HAVA ID required flag on the Voter record means the voter must vote in person and show ID (AV-6.8.17) (AV-6.8.16) (AV-6.8.15). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.8 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
AV-6.9		In-person Absentee Voting					
AV-6.9.1	S	In-person voting	Does the Solution provide the capability to support the absentee in-person voting process? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2.701.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS is optimized to Vote Centers (AV-6.9.4) as is the model in the current implementation in the State of California. As a result, SVRS includes an Election Day Portal (EDP) module which would be an ideal solution for In-Person Absentee Voting (AV-6.9.1) and any other election day or early voting activities regarding ballots. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.9 for more details and screenshots.
AV-6.9.2		Printed Voting Confirmation Receipt	Does the Solution support providing a printed in-person absentee voting confirmation receipt with name, address, and ballot style? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. This is provided in the current implementation of the Election Day Portal (EDP). The ability to Print a ballot, ballot envelope label, a voter registration receipt (AV-6.9.2), or more can be customized based on available needs or state-specific workflows. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.9 for more details and screenshots.
AV-6.9.3		Voter Identification	Does the Solution provide the capability to record that a voter photo ID was presented? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Registration or check-in workflows can be modified to include scanning or recording a voter's Driver's License (AV-6.9.3). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.9 for more details and screenshots of the Election Day Portal (EDP).
AV-6.9.4		Vote Centers	Does the Solution support the operation of Vote Centers? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS is optimized to Vote Centers (AV-6.9.4) as is the model in the current implementation in the State of California. As a result, SVRS includes an Election Day Portal (EDP) module which would be an ideal solution for In-Person Absentee Voting (AV-6.9.1) and any other election day or early voting activities regarding ballots. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.9 for more details and screenshots.
AV-6.10		Denied Absentee Voter Application					
AV-6.10.1	S	Denied Absentee Ballot Application	Does the Solution support the electronic recording of denied absentee ballot applications? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2.711.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS records Election-Specific Absentee Applications and UOCAVA ballot applications; however, the current implementation would require reject/denied workflows and correspondences to be developed. (AV-6.10.1) (AV-6.10.2) (AV-6.10.3) (AV-6.10.3.1) (AV-6.10.3.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.10 for more details and screenshots. The solution does not have a concept for denied absentee ballot applications. The solution will need to be configured to meet Elect's status reasons and will be recorded electronically. The solution will be configured to meet the criteria of the Requirement.

AV-6.10.2	S	Mastering of Denied Absentee Ballot Application	Does the Solution provide an authorized user with the capability to link absentee ballot applications containing sufficient identifying information to the person's voter registration record? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-701.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS records Election-Specific Absentee Applications and UOCAVA ballot applications; however, the current implementation would require reject/denied workflows and correspondences to be developed. (AV-6.10.1) (AV-6.10.2) (AV-6.10.3) (AV-6.10.3.1) (AV-6.10.3.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.10 for more details and screenshot. The solution will be configured to meet the criteria of the Requirement.
AV-6.10.3	S	Denial Notice Correspondence	Does the Solution generate correspondence letters informing the applicant of the denial of their absentee ballot application? Please describe.	Y	Code of Virginia - Administrative Code - TITLE 1, Chapter 20, Section 70	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS records Election-Specific Absentee Applications and UOCAVA ballot applications; however, the current implementation would require reject/denied workflows and correspondences to be developed. (AV-6.10.1) (AV-6.10.2) (AV-6.10.3) (AV-6.10.3.1) (AV-6.10.3.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.10 for more details and screenshots. The solution allows correspondence to be generated manually and allows the user to create configuration on reporting. For automation, the system will be configured for status reasons and denial. Granular level can be added to the system. It is recommended a drop down with standard reasons which would require some configuration at the local and county level. A free form for the user to add a comment can also be added. The solution will be configured to meet the criteria of the Requirement.
AV-6.10.3.1	S	Denial Notice Reason	Does the Solution automatically generate the text required to convey the reason(s) why an absentee ballot application was denied? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4.1 (24.2-464)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS records Election-Specific Absentee Applications and UOCAVA ballot applications; however, the current implementation would require reject/denied workflows and correspondences to be developed. (AV-6.10.1) (AV-6.10.2) (AV-6.10.3) (AV-6.10.3.1) (AV-6.10.3.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.10 for more details and screenshots. For automation, the system will be configured for status reasons. It is recommended a drop down with standard reasons in order to standardize the reason codes. The solution will be configured to meet the criteria of the Requirement.
AV-6.10.3.2		List Reasons for Denial of Absentee Ballot Application	Does the Solution generate a list of reason(s) why an absentee ballot application could not be accepted? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS records Election-Specific Absentee Applications and UOCAVA ballot applications; however, the current implementation would require reject/denied workflows and correspondences to be developed. (AV-6.10.1) (AV-6.10.2) (AV-6.10.3) (AV-6.10.3.1) (AV-6.10.3.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.10 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
AV-6.10.3.3	F, S	Denial Notice Customization	Does the Solution provide a place for the authorized user to enter a freeform denial reason, in addition to any generated reason, on a per application basis? Please describe.	Y	EAC.gov Code of Virginia - TITLE 24.2 NVRRA	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS comes with the Correspondence Configuration to allow the production of unique voter correspondences, which would include Denial Notice (AV-6.10.3.3) or Non-Registrant Absentee (AV-6.10.3.5) with manual issuance. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.10 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
AV-6.10.3.4	F, S	Denial Notice Language Translation	Does the Solution provide the authorized user with the capability to print the denial notice in consideration of voter's designated language? Please describe.	P	EAC.gov Code of Virginia - TITLE 24.2 NVRRA	Yes	Supplier will ensure its SVRS fulfills the Requirement. Automated issuance of such notices based on workflows would have to be customized. SVRS supports voter ballot languages, but does not currently transform custom-notices inside of SVRS (AV-6.10.3.4). The solution will be configured to meet the criteria of the Requirement.
AV-6.10.3.5	F	Non-Registrant Absentee Correspondence	Does the Solution provide the capability for the authorized user to generate non-registrant absentee correspondence? Please describe.	Y	EAC.gov	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS comes with the Correspondence Configuration to allow the production of unique voter correspondences, which would include Denial Notice (AV-6.10.3.3) or Non-Registrant Absentee (AV-6.10.3.5) with manual issuance. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.10 for more details and screenshots. The Solution will be configured to meet the criteria of the Requirement.
AV-6.11		Ballot Mailing Address Provisions					
AV-6.11.1	S	Ballot Mailing Address Handling	Does the Solution support and maintain ballot mailing addresses and provisions in absentee law, inclusive of locality, out of locality, other states, PO Boxes, military and international? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-701) Code of Virginia - TITLE 24.2, Chapter 7, (24.2-702.1) Code of Virginia - TITLE 24.2, Chapter 4.1 Code of Virginia - TITLE 24.2, Chapter 4 (24.2-464) Code of Virginia - TITLE 24.2, Chapter 4 (24.2-464)	Yes	Supplier will ensure its SVRS fulfills the Requirement. In addition to the election-specific address, the voter can have a domestic or international mailing address associated to their record. (AV-6.11.2) (AV-6.11.2.1) (AV-6.11.1) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.11 for more details and screenshots.
AV-6.11.2	S, F	Foreign Ballot Mailing Addresses	Does the Solution support and maintain foreign ballot mailing addresses and provisions in absentee law? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4.1 UOCAVA Code of Virginia - TITLE 24.2, Chapter 7 (24.2-701)	Yes	Supplier will ensure its SVRS fulfills the Requirement. In addition to the election-specific address, the voter can have a domestic or international mailing address associated to their record. (AV-6.11.2) (AV-6.11.2.1) (AV-6.11.1) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.11 for more details and screenshots.
AV-6.11.2.1	F	Entry of Addresses From Outside the United States Includes Country	Does the solution support and maintain the designation of country names separately from other parts of the ballot mailing addresses? The Solution should conform or map to ISO 3166 standards for country naming. Please describe.	Y	ISO 3166	Yes	Supplier will ensure its SVRS fulfills the Requirement. In addition to the election-specific address, the voter can have a domestic or international mailing address associated to their record. (AV-6.11.2) (AV-6.11.2.1) (AV-6.11.1) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.11 for more details and screenshots. The solution provides country names in the form of a drop down menu. This is the default selection in the solution. Standard rules need to be configured. A free form can be added to allow addresses to be entered.
AV-6.11.3	S	In-Commonwealth Move	Does the Solution identify voters who have moved from one precinct to another, but remain eligible to vote absentee at their old precinct? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-402)	Yes	Supplier will ensure its SVRS fulfills the Requirement. If a voter moves during the election and is voting by mail, what occurs to their ballot in SVRS depends entirely on the nature of the move (AV-6.11.3). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.11 for more details and screenshots.

AV-6.11.4	S	Out of Commonwealth Move	Does the Solution identify voters who have moved out of the Commonwealth to another state, but are eligible to vote an absentee presidential-only ballot in a presidential general election? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-402)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.11 for more details and screenshots--the bullets are also easier to read in the Word/PDF document. <ul style="list-style-type: none"> • If the voter moves out of boundaries BEFORE receiving a ballot, SVRS does not issue them a ballot. • If the voter moves AFTER receiving a ballot, but BEFORE returning the ballot: <ul style="list-style-type: none"> ◦ AND moves out of the state, their record is Canceled, SVRS suspends their ballot (AV-6.11.4). ◦ AND moves out of the election boundary, SVRS suspends their ballot. ◦ AND moves within the election boundary, but does NOT change ballot styles, no change. ◦ AND moves within the election boundary, but DOES change ballot styles, SVRS suspends their ballot <p><input type="checkbox"/> IF this move is also before the "mail by" deadline for the election (ex: e-7), SVRS automatically generates a new ballot in the Pending status for the jurisdiction to print and send to the voter.</p>
AV-6.12		Generate Absentee Ballot Applications					
AV-6.12.1	S	Provide Absentee Ballot Applications	Does the Solution support the generation of absentee ballot applications and other required materials for a voter to apply for an absentee ballot? Will the form pre-fill to the extent desired by ELECT? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-701)	Yes	Supplier will ensure its SVRS fulfills the Requirement. While a user can create any needed voter correspondence (AV-6.12.1) for manual issuance by default in SVRS, tying it to an automated workflow trigger would require additional work. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.12 for more details and screenshots. This is an out of the box feature and is currently available in the system. This feature can be edited and managed independently. The solution will be configured to meet the criteria of the Requirement.
AV-6.12.2	F	Corrections to Absentee Ballot Applications	Does the Solution provide the capability for an authorized user to correct a data entry error on an existing absentee ballot application? (For example, changing the mailing address of a ballot after it had been sent.) Please describe.	Y	NVRA	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS does not restrict privileged users from managing voter record details, including absentee information (AV-6.12.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.12 for more details and screenshots.
AV-6.13		Sending Ballots					
AV-6.13.1	S	Quality of Service	Does the Solution provide the authorized user with the capability to identify if absentee ballots are not mailed within three days of receiving a complete absentee ballot application? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 6 (24.2-612)	Yes	Supplier will ensure its SVRS fulfills the Requirement. There are some in-built notifications and tracking; however, alerts, triggers, workflows unique to the Commonwealth of Virginia will be configured (AV-6.13.1) (AV-6.13.15.1) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.13 for more details and screenshots. The system can be configured to add a widget to the dashboard to provide the user with a notice of how many ballots are aging at the granular level. The solution will be configured to meet the criteria of the Requirement.
AV-6.13.2	F	Allowed Transmission Methods	Does the Solution provide the authorized user with the capability to designate which ballot transmission methods the voter is offered, given the absentee ballot application form used, and/or the reasons contained therein? Please describe.	Y	UOCAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. Manual Print or Replacement (AV-6.13.15) can be done directly from the voter's Ballot Record (AV-6.13.7) and includes the ability to manually indicate Email, Over the Counter, SMS (AV-6.13.2). Other types can be configured as needed. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.13 for more details and screenshots. The ballot transmission methods are based on preference. The solution will be configured to meet the criteria of the Requirement.
AV-6.13.3	F, S	Situational Ballot Type	Does the Solution provide the capability to automatically designate the types of ballots the absentee ballot applicant may receive based on information provided by the absentee ballot application? Please describe.	Y	UOCAVA Code of Virginia - TITLE 24.2, Chapter 7 (24.2-706)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS comes with the following basic ballot types: Vote by Mail ("Absentee"), Provisional, Standard ("Poll"), and FWAB. (AV-6.13.3) More can be added as needed; for instance, the State of California additionally has Conditional Voter Registration ballot types, which have their own unique workflows built to support Vote Center elections there. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.13 for more details and screenshots.
AV-6.13.4	S	Contests Appearing on Ballot	Does the Solution provide the capability to automatically designate the ballot styles the absentee ballot applicant may receive based on their eligibility to vote on certain contests? Please describe.	Y	Code of Virginia - Administrative Code - TITLE 1, Chapter 45, Section 10 Code of Virginia - TITLE 24.2, Chapter 4 (24.2-453)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS is designed specifically to support Mail Ballot elections by streamlining the process, as well as processing in bulk (AV-6.13.6). Once the ballots are generated for an election, the system automatically begins creating the records to issue ballots (AV-6.13.8) to eligible voters to their correct address and for their correct style (AV-6.13.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.13 for more details and screenshots.
AV-6.13.5		Provisional Ballots	Does the Solution provide the capability for an authorized user to determine if an absentee ballot should be flagged as provisional? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. There is a considerable amount written to this topic in the Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.13 "Issue a Provisional Ballot". Please reference this for additional details and screenshots. Suffice to say, SVRS has a Provisional ballot section in the Ballots module and in the Election Day Portal that allows for smoother post-processing of this ballot type. The system manually tracks provisional ballots separately. For election workers, the Election Day Portal search provides an option for a provisional ballot. To reference a note of a date of issue, can be configured at the reporting side but not on the side of the ballot. The solution will be configured to align with Virginia's methodology for processing provisional absentee ballots.
AV-6.13.6		Batch Absentee Ballot Issuance	Does the Solution support the issuance of absentee ballot in batches? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS is designed specifically to support Mail Ballot elections by streamlining the process, as well as processing in bulk (AV-6.13.6). Once the ballots are generated for an election, the system automatically begins creating the records to issue ballots (AV-6.13.8) to eligible voters to their correct address and for their correct style (AV-6.13.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.13 for more details and screenshots.
AV-6.13.7		One-off Absentee Ballot Issuance	Does the Solution support the issuance of an absentee ballot as a one-off? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Manual Print or Replacement (AV-6.13.15) can be done directly from the voter's Ballot Record (AV-6.13.7) and includes the ability to manually indicate Email, Over the Counter, SMS (AV-6.13.2). Other types can be configured as needed. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.13 for more details and screenshots.

AV-6.13.8	S	Streamlined Ballot Issuance	Does the Solution support issuing an absentee ballot immediately after a complete absentee ballot application has been approved, subject to ballot availability? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-705)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS is designed specifically to support Mail Ballot elections by streamlining the process, as well as processing in bulk (AV-6.13.6). Once the ballots are generated for an election, the system automatically begins creating the records to issue ballots (AV-6.13.8) to eligible voters to their correct address and for their correct style (AV-6.13.4). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.13 for more details and screenshots.
AV-6.13.9		Ballot On Demand	Does the Solution provide or consume interfaces required to print a ballot on demand? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. These can be extracted for a Print Vendor (AV-6.13.12) or Printed Now in the office. SVRS produces a ballot envelope label (configured) (AV-6.13.11). Additional details to support Commonwealth of Virginia unique workflows or data collection needs can be added. SVRS would need to be configured to support Ballot on Demand printers in the Commonwealth of Virginia, as this varies depending on the machine (AV-6.13.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.13 for more details and screenshots.
AV-6.13.10	S	Absentee Balloting Materials	Does the Solution provide the authorized user with the capability to identify the ballot materials that must be assembled for each absentee ballot package that is sent by mail? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-706)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The SVRS Election Day Portal (described in more detail in AV-6.9) identifies all the materials and even envelope color for the end user. It is ideal for assembling one-off ballots (AV-6.13.10). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.13 for more details and screenshots.
AV-6.13.11		Barcoded Envelopes	Does the Solution provide the capability to generate envelopes, or labels to affix to envelopes, with barcodes generated for both outbound and return envelopes, to aid in processing? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. These can be extracted for a Print Vendor (AV-6.13.12) or Printed Now in the office. SVRS produces a ballot envelope label (configured) (AV-6.13.11). Additional details to support Commonwealth of Virginia unique workflows or data collection needs can be added. SVRS would need to be configured to support Ballot on Demand printers in the Commonwealth of Virginia, as this varies depending on the machine (AV-6.13.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.13 for more details and screenshots.
AV-6.13.12		Barcoded Data Export	Does the Solution provide the capability for voter and barcode data to be exported for use by third party vendors or applications? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. These can be extracted for a Print Vendor (AV-6.13.12) or Printed Now in the office. SVRS produces a ballot envelope label (configured) (AV-6.13.11). Additional details to support Commonwealth of Virginia unique workflows or data collection needs can be added. SVRS would need to be configured to support Ballot on Demand printers in the Commonwealth of Virginia, as this varies depending on the machine (AV-6.13.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.13 for more details and screenshots.
AV-6.13.13		Single Ballot	Does the Solution track that the voter has a ballot for a given election? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS's Perennial Header includes a Ballot ID quick search which allows users to barcode scan or hand-type a Ballot ID for their Election Workspace and it immediately pulls up the Ballot Details record (AV-6.13.13)—no need to navigate around the system first. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.13 for more details and screenshots.
AV-6.13.14	F	Control Generation of Materials	Does the Solution provide the authorized user with the capability to designate which groups of absentee voters they need to generate absentee ballot packages for, including, at a minimum, Americans with Disability (ADA) voters, Uniformed and Overseas Citizens Absentee Voting Act (UOCAVA) and non-UOCAVA voters? Please describe.	Y	UOCAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. Ballots can be Issued (Mailed) all at once, or in smaller sections. For instance, a jurisdiction may need to have all UOCAVA ballots printed first or separate out ballots of a particular election language. On the Bulk Issue Queue (below), users input the anticipated Mail by date promised by the Print Vendor or performed within office. (AV-6.13.14) (AV-6.13.14.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.13 for more details and screenshots.
AV-6.13.14.1		Track Generation of Materials	Does the Solution record which absentee ballot packages were printed or otherwise output by the system? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Ballots can be Issued (Mailed) all at once, or in smaller sections. For instance, a jurisdiction may need to have all UOCAVA ballots printed first or separate out ballots of a particular election language. On the Bulk Issue Queue (below), users input the anticipated Mail by date promised by the Print Vendor or performed within office. (AV-6.13.14) (AV-6.13.14.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.13 for more details and screenshots.
AV-6.13.15	S	Ballot Reissuance	Does the Solution support the reissuance of an absentee ballot for an election when a voter provides a signed statement that they have lost or never received their absentee ballot issued for the same election? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-708) Code of Virginia - TITLE 24.2, Chapter 6 (24.2-653.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Manual Print or Replacement (AV-6.13.15) can be done directly from the voter's Ballot Record (AV-6.13.7) and includes the ability to manually indicate Email, Over the Counter, SMS (AV-6.13.2). Other types can be configured as needed. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.13 for more details and screenshots.
AV-6.13.15.1	S	Reissuance Timing Provisions	Does the Solution provide the authorized user with the capability to configure the time windows for which an absentee ballot can be reissued on a per-form basis? Are the dates configurable based on election date offsets? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-703.2)	Yes	Supplier will ensure its SVRS fulfills the Requirement. There are some in-built notifications and tracking, however, alerts, triggers, workflows unique to the Commonwealth of Virginia would need to be configured (AV-6.13.1) (AV-6.13.15.1) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.13 for more details and screenshots. The solution has defined certain dates within the system. The system defines mail by date and close by registration date. Additional date fields can be configured. The solution does not currently support per basis but can be configured. Currently, the solution allows for suspend and reissue in the system. The solution will be configured to meet the criteria of the Requirement.
AV-6.14		Returned Ballots					
AV-6.14.1	S	Ballot Returned Unused	Does the Solution support the recording of a ballot as returned unused, the date of receipt, and postmark (if mailed), and capture whether the ballot is unused because voter will vote in person or whether the ballot is unvoted? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-709)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Spoiled/Undeliverable/Reissue Ballots are in the Suspended status, "Unused" can be added as a Reason for the Suspended status. (AV-6.14.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots.
AV-6.14.2	S	Ballot Returned Used	Does the Solution support the recording of a ballot as returned? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-710)	Yes	Supplier will ensure its SVRS fulfills the Requirement. There are six ballot statuses in SVRS: Pending, Issued, Suspended, Returned (AV-6.14.4) (AV-6.14.2), Accepted, Rejected. There are only two statuses for Returned ballots: Accepted or Rejected (AV-6.14.10). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots.

AV-6.14.3		Barcoded Return	Does the Solution support marking a ballot as returned using the barcode affixed to the returning ballot label for ballots that were sent by mail and email? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS has several ways to processed returned ballots (1) Import from Ballot Scanning Machines For the Commonwealth of Virginia, this would be a point of configuration depending on the output of the scanning and signature verification machines used by the county offices. (2) Manual Scan of Ballot Envelopes (the record can be accessed via barcode scan (AV-6.14.3)) (3) Manual Marking of the Ballot as Returned without Scanning (the record can be accessed via barcode scan) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots.
AV-6.14.4		Single Countable Ballot	Does the Solution identify that at most one ballot is marked as countable for any voter in an election? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. There are six ballot statuses in SVRS: Pending, Issued, Suspended, Returned (AV-6.14.4) (AV-6.14.2), Accepted, Rejected. There are only two statuses for Returned ballots: Accepted or Rejected (AV-6.14.10). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots.
AV-6.14.5	S	Central Absentee Precinct Absentee Ballot Processing	Does the Solution support the recording and processing of absentee ballots at a Central Absentee Precinct (CAP)? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-712)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The location of ballot processing is not restricted in SVRS. This would include processing at Central Absentee Precincts, if that is desired. (AV-6.14.5) This is an option in California as well as Vote Centers. In regards to curing, this varies depending on state needs—In California, they have opted to display Reject Reasons on public websites (e.g., Rejected, Missing Signature). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots. The solution does not currently track where the ballot is processed, but can be configured during Gap Analysis. The solution currently only captures that the ballot was processed. The solution will be configured to meet the criteria of the Requirement.
AV-6.14.6		Identifying Federal Write-In Absentee Ballot (FWAB)	Does the Solution identify that a voter has submitted a Federal Write in Ballot (FWAB) in an election? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. FWAB ballot details are captured in the SVRS Voter History with "FWAB" as the Method (e.g., Ballot Type). This allows county elections staff to indicate that the Absentee FWAB was received, adjudicated, the source of receipt (email, mail, drop off, etc.) the date received, and apply voting history for accepted FWAB (AV-6.14.6.1) (AV-6.14.6) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots.
AV-6.14.6.1	F	Federal Write-In Absentee Ballot (FWAB)	Does the Solution support the recording and processing of a Federal Write-In Absentee Ballot (FWAB)? Please describe.	Y	UOCAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. FWAB ballot details are captured in the SVRS Voter History with "FWAB" as the Method (e.g., Ballot Type). This allows county elections staff to indicate that the Absentee FWAB was received, adjudicated, the source of receipt (email, mail, drop off, etc.) the date received, and apply voting history for accepted FWAB (AV-6.14.6.1) (AV-6.14.6) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots.
AV-6.14.7	F	Identifying Federal Post Card Application (FPCA) Identifying Voter	Does the Solution identify a Federal Post Card Application (FPCA) voter for an election? Please describe.	Y	UOCAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. During Voter Registration update processes, jurisdictions can enter any form that is appropriate to accept into the county, including the Federal Postcard Application (FPCA) (AV-6.14.7) (AV-6.14.7.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots.
AV-6.14.7.1	F	Federal Post Card Application (FPCA) Processing	Federal Post Card Application (FPCA) voter Does the Solution support the recording and processing of a Federal Post Card Application (FPCA) voter for an election? Please describe.	Y	UOCAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. During Voter Registration update processes, jurisdictions can enter any form that is appropriate to accept into the county, including the Federal Postcard Application (FPCA) (AV-6.14.7) (AV-6.14.7.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots.
AV-6.14.8	S	Ballots from Americans with Disabilities Act (ADA) Voters	Does the Solution identify Americans with Disabilities Act (ADA) voters and provide the capability for an authorized user to process and record absentee ballots submitted by ADA voters, for example, from voters with visual impairment and print disabilities? Please describe.	P	New Virginia Legislation - 2021 Session	Yes	Supplier will ensure its SVRS fulfills the Requirement. On the Voter Registration form, users can define one or multiple Voter Assistance metrics for voters who have a disability or impairment that requires accommodation on the ballot or at the poll site. It is on the SVRS Roadmap 2021 to add this as a filtering option during ballot issuance and to help support RAVBM. (AV-6.14.8) (AV-6.14.8.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots. Currently, the solution supports this requirement at the voter level. The voter can identify their specific needs such as: audio ballot, large front, electronic ballot, assistance needs at the poll location. Elect would need to work with a third party for a separate issue ballot. SVRS can send a ballot to a printer, if the ballot is associated to the ballot styles in SVRS. This is typically done through a third party print service or audio service provider. This isn't generated automatically by ViBE SVRS.
AV-6.14.8.1	S	Remote Accessible Vote by Mail (RAVBM)	Does the Solution support Remote Accessible Vote by Mail (RAVBM) systems for voters with disabilities, military and overseas voters? Please describe.	Y	New Virginia Legislation - 2021 Session	Yes	Supplier will ensure its SVRS fulfills the Requirement. On the Voter Registration form, users can define one or multiple Voter Assistance metrics for voters who have a disability or impairment that requires accommodation on the ballot or at the poll site. It is on the SVRS Roadmap 2021 to add this as a filtering option during ballot issuance and to help support RAVBM. (AV-6.14.8) (AV-6.14.8.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots. For actual issuance, the solution does not issue or capture RAVBM and would require the use of a third-party. SVRS can send a ballot to a printer, if the ballot is associated to the ballot styles in SVRS. This is typically done through a third party print service or audio service provider. This isn't generated automatically by ViBE SVRS. The solution could be configured to fit within Elect's current business process. The solution will be configured to meet the criteria of this requirement.
AV-6.14.9	S	Closed Party Primaries	Does the Solution support and manage absentee voting for closed party primaries? Please describe.	Y	New Virginia Legislation - 2021 Session	Yes	Supplier will ensure its SVRS fulfills the Requirement. Closed Primaries affect ballot type associated to a voter, the "Party" field is an available search option in Ballot Search (AV-6.14.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots. The solution allows for a toggle configuration at the election level and can be changed at any time, as needed.
AV-6.14.10	S	Ballot	Does the Solution support the recording of the status of returned ballots?	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-	Yes	Supplier will ensure its SVRS fulfills the Requirement. There are six ballot statuses in SVRS: Pending,

		Status	Please describe.		Code of Virginia - TITLE 24.2, Chapter 7 (24.2-709)		Issued, Suspended, Returned (AV-6.14.4) (AV-6.14.2), Accepted, Rejected. There are only two statuses for Returned ballots: Accepted or Rejected (AV-6.14.10). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots.
AV-6.14.11	S	Ballots Requiring Cure Process	Does the Solution provide the capability for an authorized user to record, manage, and process received absentee ballots that require the absentee cure process to be executed? Please describe.	Y	New Virginia Legislation - 2021 Session	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS does not restrict the modification of Reject to Accept status if the voter comes in and resolves issue (AV-6.14.11) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots.
AV-6.14.12	S	Rejected Ballots	Does the Solution support the recording of the disposition and reason(s) why an absentee ballot was rejected from counting? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-711.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Rejects ballot, prompts user to select reason, then moves to the next to be processed. (AV-6.14.12). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots.
AV-6.14.12.1	S	Rejected Ballot Correspondence	Does the Solution generate correspondence letters informing the applicant of the rejection of their absentee ballot? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-711.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. While voter and election correspondences can be configured (AV-6.14.12.4) for manual issuance in SVRS, automated workflow triggers would have to be configured (AV-6.14.12.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots. Manual correspondence letters can be created in the template module. The solution will need to be configured for automatic triggers and rejection codes for correspondence. The solution will be configured to meet the criteria of the Requirement.
AV-6.14.12.2		Rejected Ballot Reason	Does the Solution automatically generate the text to convey the reason(s) why an absentee ballot was rejected, including the business rules that the absentee ballot package violated, such that it could not be accepted? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The user selects the Reject Reason (AV-6.14.12.2). SVRS default reject reasons include selections such as "Missing Signature" and "Ballot Not Received on Time" intended for effective reporting. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots.
AV-6.14.12.3		Categorize and List Business Rules	Does the Solution automatically generate a list of the reason(s) why an absentee ballot is rejected, including the business rules that the absentee ballot violated, such that it could not be accepted? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Reject Reasons are configurable in System Configuration, Virginia can expand the Description to include the business rule (AV-6.14.12.3). The public portal could also be expanded to tie Business Rules to Reject Reasons selected, so the voter sees more details on the Public Portal vs what an end user would select while adjudicating. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots. List of reason codes will need to be configured at the state level. At the jurisdiction level, any changes will go to the state level. The system is configured for module role based.
AV-6.14.12.4		Rejection Notice Customization	Does the Solution provide an authorized user with the capability to enter a rejection reason, in addition to any generated reason, on a per application basis? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. While voter and election correspondences can be configured (AV-6.14.12.4) for manual issuance in SVRS, automated workflow triggers would have to be configured (AV-6.14.12.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.14 for more details and screenshots. This would be completed in the same process for any correspondence based on listed values. For an absentee ballot, the system will need to be configured to add any data fields and automatic notices. The solution will be configured to include the criteria to meet this Requirement.
AV-6.14.12.5	F, S	Rejected Notice Language Translation	Does the Solution provide an authorized user the capability to print the ballot rejection notice in consideration of voter's designated language? Please describe.	F	EAC.gov Code of Virginia - TITLE 24.2 NVRVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS does not currently offer automatic transformation of languages for correspondence; however, the extraction for a print vendor can include the language column if they offer this service (AV-6.14.12.5). The solution will be configured to meet the criteria of the Requirement.
AV-6.15		Registration Interactions					
AV-6.15.1		Change in Voter Registration Impact	Does the Solution notify the user when a change in the voter registration record impacts the voter's absentee ballot? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. For details on how SVRS reacts to voter changes, see the response provided in AV-6.11 (AV-6.15.1) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.15 for more details and screenshots. Currently, the solution moves the ballot out of the jurisdiction election area and automatically suspends the ballot. If there is a ballot style change or a change in voter eligibility before close the ballot moves within the ballot workspace and is suspended. Ballot status changes are automatic. The system does not notify the voter group of a voter change. The system will provide a notification to a voter group if a widget is added to the dashboard. The solution allows for a user to complete a search to look at the ballot voter history. This search is done behind the scenes because of portal integration. The solution will be configured to meet the criteria of the Requirement.
AV-6.15.2		Change due to List Maintenance Action	Does the Solution notify the user when an absentee ballot should not be counted, due to a list maintenance action made after issuance? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. In regards to List Maintenance during ballot adjudication (AV-6.15.2), SVRS includes an Outstanding List Maintenance details. Outstanding List Maintenance is one of the "Yellow flag" triggering scenarios in SVRS for ballot adjudication. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.15 for more details and screenshots.
AV-6.15.3	S	Death of Voter After Cast	Does the Solution prevent an absentee ballot from being disqualified due to the voter having died after it was cast? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-709)	Yes	Supplier will ensure its SVRS fulfills the Requirement. If a voter record is Canceled (ex: Death) during the election and is voting by mail, SVRS moves issued status ballots to the Suspended status. (AV-6.15.3). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.15 for more details and screenshots. The system puts a returned ballot into a cancelled state or list maintenance record. This action prompts the user to look at the voter record for a reason code to verify the voter. If the returned ballot is processed in a cancelled state before the close of election, only the administrator user can review and approve to override the cancelled state of the ballot. The system is configured for module role based.
AV-6.16		Voter Credit					

AV-6.16.1	S	Record Voting Credit	Does the Solution record credit for voting absentee? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 1 (24.2-114)	Yes	Supplier will ensure its SVRS fulfills the Requirement. "Standard" ballots (voted at a voting location) added via the EDP are immediately added as Voter Participation History for an election as COUNTED; all other ballot types (ex: Absentee) are added as voter history when an election is Certified in SVRS which posts all participation history to the voter's record (AV-6.16.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.16 for more details and screenshots.
AV-6.16.1.1	S	Voting Credit Data	Does the Solution record the election for which the voter voted absentee, the ballot type, how the ballot was returned, and the locality in which they voted? Please describe.	Y	Code of Virginia- Title 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. On the Voting History tab, the system records Date Voted, Election Name, Vote Location, County (Locality Name), Voting Precinct, Method, Counted, Reason, and Action (Delete/Edit). (AV-6.16.1.1). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.16 for more details and screenshots.
AV-6.16.2		Ballot Style Record	Does the Solution record the ballot style of the election in which the voter voted absentee? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The ballot style issued for a particular absentee ballot to a voter is contained in the ballot details screen, but isn't on the Voting History section (AV-6.16.2). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.6.16 for more details and screenshots. The solution will show which ballot style was issued.

"Official" RFP #'s	Federal, State, Regulatory	ELECT Specification Title	Requirement	Implementation Status Yes (Y) Partial (P) Future (F) No (N)	Reference links to fulfill the listed requirement. <i>The links to any Federal, State or Regulatory requirements are provided for the Supplier to reference and review to ensure compliance.</i>	ELECT Must Have	ELECT Proposed Final Contract language/remaining questions/clarifications
Election Results & Certification (36)							
ERC-7.1	F, S, R	Election Certification Process					
ERC-7.1.1		Track Election Certification Process	Does the Solution provide the authorized user with the capability to designate beginning and end of election certification, and provide a checklist or other approach to indicate which parts of the election certification process are completed or are remaining to be done? Please describe.	P		CONFIG AND ADD TO ROADMAP AP	SVRS provides authorized staff the following system administration functionalities related to election results reporting: <ul style="list-style-type: none"> Control Vote Reporting – Start/Stop vote reporting, set timeframe to prevent entering election results, change reporting mode (auto/manual) (ERC-7.2.8) Configure county election reporting – For each county configure the report mode such as Key Data Entry (KDE county) and File based (Auto reporting county). Enable/disable receipt of vote report from county. Track the Election Certification Process (ERC-7.1.1) For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Vote Results Reporting Administration. In active development, partially implemented. Currently, out of the box, each jurisdiction would mark verify and import. The solution does not currently have a check-in list. The solution provides a dashboard to run tests, run the data, or upload the file to publish on Elect's website reporting. This feature is in development.
ERC-7.2		Voting Results					
ERC-7.2.1	F	Manual Voting Results Entry	Does the Solution provide the authorized user with the capability to manually enter data of in-person, curbside, absentee, Central Absentee Precinct (CAP), provisional, non-registrant provisional, write-in votes and overvotes by precinct, office, or referendum, with a prepopulated list of precincts, offices, referenda and candidate names, as applicable? Please describe.	P	HAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. On an election night, unofficial vote results are received on SVRS via Key Data Entry (KDE), Auto County Template File, or Auto County API. The three types of reports used throughout the unofficial canvass period for election night are Regular, Final, and Update. Regular reports are submitted during an election night. Final report is submitted when 100% of precincts in the county have reported on election night. If the final report is not processed successfully, the county is not considered to have completed its Election Night process. As needed county can send update reports to final. (ERC-7.5.2) Periodically throughout the election night, locality staff can use KDE to submit valid and invalid (overvotes) votes cast for each candidate, including write-in, and referenda by precinct and voting method (e.g., in-person, curbside, absentee, vote center (Central Absentee Precinct), provisional). Alternatively, county can upload the results from tabulation machine as file through secure portal. Depending on the local business process, vote results can be aggregated and reported from County headquarters or results can be reported directly from preconfigured voting locations and central absentee precincts. (ERC-7.2.1, ERC-7.2.2, ERC-7.2.3, ERC-7.2.5, ERC-7.2.7) For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Unofficial Voting Results. In active development, partially implemented. The solution will be configured to meet the criteria of the Requirement.
ERC-7.2.1.1	F	Provisional Ballot Results Entry	Does the Solution provide the authorized user with the capability to manually enter data of all provisional ballot data needed to satisfy Election Assistance Commission (EAC) reporting requirements? Please describe.	Y	HAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. Provisional ballots can be issued seamlessly through SVRS Election Day portal (A mini-VR Solution with ePollbook workflow), the voter's registration information is recorded at the time of issuance. After the adjudication, the status of the ballot as counted or not is recorded. If not counted then a reason is captured. The non-counted reasons include non-registrant, already voted, and so on. ELECT can extract the statistics on Provisional Ballot broken down by status as counted vs non-counted and the various reasons for completing the EVAS reports. (ERC-7.4.2, ERC-7.4.2, ERC-7.4.2.2). The solution will be configured to meet the criteria of the Requirement.
ERC-7.2.2	F	Load Voting Results Data	Does the Solution provide the authorized user with the capability to manually upload data to include, but not be limited to, in-person, curbside, absentee, Central Absentee Precinct (CAP), provisional, non-registrant provisional, write-in votes, and overvotes?	P	HAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. County can upload the results from tabulation machine as file through secure portal. Please also refer to explanation for requirement ERC-7.2.1. The solution will be configured to meet the criteria of the Requirement.
ERC-7.2.3	S	Central Absentee Precinct Results	Does the solution provide the authorized user with the capability to import, record, maintain, view and report Central Absentee Precinct results for both the total results and the individual precincts comprising the CAP, and make publicly available (Election Night Reporting solution)? Please describe.	P	New Virginia Legislation - 2021 Session	Yes	Supplier will ensure its SVRS fulfills the Requirement. County can import the total results from tabulation machines at Central Absentee Precinct (CAP) and report results by CAP however the turnouts are calculated by voter's precinct. Please also refer to explanation for requirement ERC-7.2.1. The solution will be configured to meet the criteria of the Requirement.
ERC-7.2.4	S	Closed Party Primaries	Does the Solution support and manage closed party primaries based on a voter's party affiliation? Please describe.	Y	New Virginia Legislation - 2021 Session	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS Election Service allows county to conduct both closed and open primary. This is configured at the county level. When closed primary is turned on, staff can add party-wise races for offices to the election. SVRS generates ballot styles by party-wise. Ballot and Election Day Portal Services automatically determines the ballot style for voter based on voter's party affiliation. Provisional ballot adjudication service recommends staff to accept or reject ballot based on voter's political party affiliation. The solution will be configured to meet the criteria of the Requirement.
ERC-7.2.5		API to Load Voting Results Data	Does the Solution support an Application Programming Interface (API) to load same data to include, but not be limited to in-person, curbside, absentee, Central Absentee Precinct (CAP), provisional, non-registrant provisional, write-in votes, and overvotes for offices and referenda in a defined, standard format? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. On an election night, unofficial vote results are received on SVRS via Key Data Entry (KDE), Auto County Template File, or Auto County API. Please also refer to explanation for requirement ERC-7.2.1. The solution will be configured to meet the criteria of the Requirement.

ERC-7.2.6		Election Results Data Load Validation	Does the Solution validate the election results data prior to load, providing the user with appropriate error messages? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS conducts data validation check on incoming vote results and rejects the file uploaded if critical error exists. SVRS provides an history log of all the vote results received along with the status of submitted or rejected. If rejected, the error messages are logged for the staff to review and resolve. (ERC-7.2.6, ERC-7.2.6.1). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Supplier's Supplemental Word Document to Attachment A.docx, section Unofficial Voting Results.The system will be configured to meet the criteria of the Requirement.
ERC-7.2.6.1		Election Results Data Import Confirmation	Does the Solution confirm the election results data import was successful, and display statistics related to the import? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement ERC-7.2.6. The solution will be configured to meet the criteria of the Requirement.
ERC-7.2.7		Voting Location Voting Results	Does the Solution support a method for voting locations to electronically provide voting results, and automatically aggregate those results by locality? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Depending on the local business process, vote results can be aggregated and reported from County headquarters or results can be reported directly from preconfigured voting locations and central absentee precincts. Please also refer to explanation for requirement ERC-7.2.1. The solution will be configured to meet the criteria of the Requirement.
ERC-7.2.8	S	Election Results Validations	Does the Solution prevent entering election results data outside of a customizable timeframe, with a reason code required for changes? Please describe.	P	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. Update Reports are used only after a successful Final Report has been submitted by the county. Any updates after that can be made only with the proper reason code. (ERC-7.2.8). The solution does not provide any restrictions as to when the user can upload results or who can upload results. The solution could be configured to have rules to start enforcing based on dates. Currently, the solution only reinforces if election is certified when no changes can be made. The solution will be configured to meet the criteria of the Requirement.
ERC-7.3		Precinct reporting					
ERC-7.3.1		Precinct Reporting Progress	Does the Solution calculate reporting progress by precinct, in addition to individual precinct reporting results, to present on the public facing website? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. As vote results are received, SVRS aggregates the precinct level reports and determines which precincts have reported vs not reported, if reported the last report time. The precinct reporting and individual precinct level reports are made available to the SVRS Election Night Reporting and to external agency via API Reporting Feeds. (ERC-7.3.1, ERC-7.3.1.1) For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Supplier's Supplemental Word Document to Attachment A.docx, section Unofficial Voting Results. In active development, partially implemented.The solution will be configured to meet the criteria of the Requirement.
ERC-7.3.1.1		Precinct API Reporting Feeds	Does the Solution provide an API functionality to produce calculated reporting progress, in addition to individual precinct reporting results, for display on public facing website? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement ERC-7.3.1. The solution will be configured to meet the criteria of the Requirement.
ERC-7.4		Turnout					
ERC-7.4.1		Election Turnout	Does the Solution provide the authorized user with the capability for data entry by precinct (including Central Absentee Precinct (CAP)) for the number of voters who checked in in-person or curbside, and the number of absentee ballots submitted, for both the early voting period and election day? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Within the unofficial canvassing period, staff can use the voter turnout statistics report to confirm the voter turnout. The statistics are automatically generated from the vote results entered via KDE or loaded via tabulation files. The reports breakdown at the precinct level the number of voters by voting method such as in-person, curbside, absentee, provisional. (ERC-7.4.1, ERC-7.4.3) In active development, partially implemented. The solution provides voter turn out statistics, but does currently group based on CAP. This will be configured. There is no curbside, but could be added to the system. The solution does currently provide a breakdown on ballot issue and in-person to provide voter method, date, counted or not counted, and location. A user can run reports based on these data elements. The solution will be configured to meet the criteria of the Requirement.
ERC-7.4.2	S	Provisional Turnout	Does the Solution provide the authorized user with the capability for data entry to record each provisional ballot cast and associate it with the voter, and include a record of whether the provisional ballot was counted and the reason, and capture all data to satisfy Election Assistance Commission (EAC) reporting requirements? Please describe.	Y	New Virginia Legislation - 2021 Session	Yes	Supplier will ensure its SVRS fulfills the Requirement. Provisional ballots can be issued seamlessly through SVRS Election Day portal (A mini-VR Solution with ePollbook workflow), the voter's registration information is recorded at the time of issuance. After the adjudication, the status of the ballot as counted or not is recorded. If not counted then a reason is captured. The non-counted reasons include non-registrant, already voted, and so on. ELECT can extract the statistics on Provisional Ballot broken down by status as counted vs non-counted and the various reasons for completing the EVAS reports. (ERC-7.4.2, ERC-7.4.2.1, ERC-7.4.2.2). The solution will be configured to meet the criteria of the Requirement.
ERC-7.4.2.1	F, S	Split Precinct Provisional Turnout	Does the Solution provide the authorized user with the capability for data entry to record split precinct provisional voting, where voters may have two provisional ballots, and include a record of whether the provisional ballot was counted and the reason, and capture all data to satisfy Election Assistance Commission (EAC) reporting requirements? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 6 (24.2-653.3) Code of Virginia - TITLE 24.2, Chapter 6 (24.2-653.01) EAC.gov	Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement ERC-7.4.2 The solution will track any ballot types. Duplicate reporting for EAC is available in the solution to be tracked with status and reason for rejection. The solution will be configured to meet the criteria of the Requirement.
ERC-7.4.2.2	F	Non-Registrant Provisional Turnout	Does the Solution provide the authorized user with the capability for data entry to record each non-registrant provisional ballot submitted, including citizen identifying information, even though non-registrant ballots are not counted, to satisfy Election Administration Voting Survey (EAVS) reporting requirements? Please describe.	Y	EAC.gov	Yes	Supplier will ensure its SVRS fulfills the Requirement.Please refer to explanation for requirement ERC-7.4.2. The solution will be configured to meet the criteria of the Requirement.
ERC-7.4.3		Turnout Validations	Does the Solution prevent entering turnout data outside of a customizable timeframe? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS provides authorized staff the following system administration functionalities related to election results reporting: • Control Vote Reporting – Start/Stop vote reporting, set timeframe to prevent entering election results, change reporting mode (auto/manual) (ERC-7.2.8) Please also refer to explanation for requirement ERC-7.1.1.The solution will be configured to meet the criteria of the Requirement.

ERC-7.5		Election Results And Identify Winner				
ERC-7.5.1	S	Election Results Reporting	Does the Solution provide the authorized user with the capability to view or export various types of election results information in multiple tabular file formats, allow custom field selection and filtering, and default query by current election and applicable locality? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 6	Yes Supplier will ensure its SVRS fulfills the Requirement. Election Analytics ad hoc reporting allows staff to view or export election results for the default election (User can set an election as default and avoid search -> select -> Open clicks each time). User can filter the results to export as CSV in tabular format. We anticipate some customization of this for Commonwealth of Virginia. Election results reporting is contained in the workspace where view and export is available. Reporting capabilities exist and specific reporting to meet Virginia's requirements will be configured. The solution will be configured to meet the criteria of the Requirement.
ERC-7.5.2	S	Designate Results Posted as Unofficial or Official	Does the Solution provide the authorized user with the capability to designate election results as unofficial or official and have the resulting designation display on select reports and on the public election night reporting website? Please describe.	P	Code of Virginia - TITLE 24.2	Yes Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirements ERC-7.5.6 & ERC-7.5.3 All results are unofficial until the election is certified. This feature is built to be configurable. The solution will be configured to meet the criteria of the Requirement.
ERC-7.5.3	S	Totals of Absentee Ballots by Status	Does the Solution provide the ability to publish totals of absentee ballots issued, counted, and received, to the election night reporting website, including those received up to & including election day, and those received after election day through the defined acceptance period? Please describe.	P	New Virginia Legislation - 2021 Session	Yes Supplier will ensure its SVRS fulfills the Requirement. Within the unofficial canvassing period when all unprocessed ballots are adjudicated, counties can submit updates to the unofficial canvass vote tally. As part of the Update Report, locality staff submits the total number of unprocessed ballots by ballot type such as Absentee, Provisionals, and Other. Staff can use the ballot reconciliation reports within SVRS to publish ballots status reports for election night reporting. For absentee ballots, staff can confirm the counts on ballot reconciliation report and submit the ballots issued, counted, and received on or before election day vs after election day up-to acceptance period. For provisional ballots, staff can confirm and submits the ballots issued, remaining, counted, and non-counted with reasons including ineligibility (non-registrant). (ERC-7.5.3, ERC-7.5.4). Please also refer to explanation for requirements ERC-7.5.6. The solution will be configured to meet the criteria of the Requirement.
ERC-7.5.4		Publish Provisional Counts to Website	Does the Solution provide the capability to publish provisional counts to the election night reporting website? Please describe.	P		Yes Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirements ERC-7.5.6 & ERC-7.5.3. The solution will be configured to meet the criteria of the Requirement.
ERC-7.5.5		Publish Turnout Statistics to Website	Does the Solution provide the capability to publish turnout statistics to the election night reporting website? Please describe.	P		Yes Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirements ERC-7.5.6. The Supplier will need to work with Elect on frequency and pacing. The solution will be configured to meet the criteria of the Requirement.
ERC-7.5.6		Election Night Reporting Site	Does the Solution provide an Election Night Reporting (ENR) site viewable by the public that is website and mobile friendly? Please describe.	P		Yes Supplier will ensure its SVRS fulfills the Requirement. When ELECT turns on the Election Night Reporting for an election, SVRS begins to generate an Inquiry Dataset at a configured interval typically every five (5) minutes. Inquiry Dataset is a 'snap-shot' of the most recently received vote reports that are segmented and aggregated by Contest and County. Inquiry Dataset contains the contest and vote data necessary for creation of Vote Results that are published on the Election Night Reporting public website. Inquiry Dataset can be designated as either official or unofficial. When a data issue is noted on a vote report, ELECT can stop the generation of inquiry dataset, roll-back to a good dataset, and re-start the process after the issue is resolved. Extract of the election results information are produced from Inquiry dataset. Extracts include the election information, precinct reporting, absentee ballot status report, provisional ballot status report, and vote results by candidate and referenda. SVRS provides a secure and interactive Election Night Reporting website that public can view the election results information. Election Results can be downloaded from website in tabular formats. (ERC-7.5.1, ERC-7.5.2, ERC-7.5.3, ERC-7.5.4, ERC-7.5.5, ERC-7.5.6) In active development, partially implemented. The ENR Public Site is fully integrated with our solution. The system generates ENR templates that can be downloaded and uploaded into the system for results reporting. The Canton Group will meet VA ELECT requirements prior to GoLive. The Canton Group will conduct FIT-GAP analysis from the current design and implement the appropriate solution to meet Virginia needs. "Partial" is the indication of the need to perform FIT-GAP analysis during implementation. The solution will be configured to meet the criteria of the Requirement.
ERC-7.5.7	S	Identify Winners	Does the Solution recommend a winner based on the summed total of votes cast, automatically selecting the winner of each contest, and require an authorized user to manually declare a winner (or winners for offices with multiple simultaneous office holders, or for Ranked Choice Voting winners) for each office, and only designate winners after end of election certification? Please describe.	Y	Virginia LIS - 713 Virginia LIS - Chapter 1054	Yes Supplier will ensure its SVRS fulfills the Requirement. After staff confirms all votes have been entered or uploaded, they can proceed to the SVRS vote results tab within Election module to review, update, and confirm the winners determined by SVRS' for contents and referenda. Vote results tab notifies the staff if there are unconfirmed contests or contest that should be marked for recount. At the end of canvassing period, Staff certifies the winners. This queue notices for winners. Staff can print these notices out to be mailed. Winners are also automatically added as incumbent to the offices they contested for. (ERC-7.5.7, ERC-7.5.7.1) The solution does allow users to mark winners manually and can select multiple winners. The solution shows counts and precincts. The solution does not currently support Rank Choice Voting. The solution will be configured to provide Rank Choice Voting and meet the criteria of the Requirement.
ERC-7.5.7.1		Certificate of Winner	Does the Solution provide the capability to generate and print a certificate naming the winner, once the winner has been certified? Please describe.	P		Yes Supplier will ensure its SVRS fulfills the Requirement. At the end of canvassing period, Staff certifies the winners. This queue notices for winners. Staff can print these notices out to be mailed. Winners are also automatically added as incumbent to the offices they contested for. In active development the portion to auto populate the Certificate of Winner with Candidate information and auto generation of notice at the end of certification of winner.
ERC-7.6		Voter Credit				

ERC-7.6.1	S	Import Voter Credit	Does the Solution allow data upload of voter credit in a standard format, defined by ELECT, capture required fields (for example: election, party), and validate voter credit data by enforcing required fields and rejecting duplicates? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-707)	Yes	Supplier will ensure its SVRS fulfills the Requirement. For localities using the SVRS Election Day Portal and Ballot Management, this is going to be a one click process. Staff can use the Post Vote Credit option on Election module to initiate the process, SVRS then compiles the absentee and in-person voting data and credits each voter who has participated. The voter participation includes the election, voting method (in-person, absentee, provisional, curbside), counted vs not counted, party preference, and voting location. The voter participation is associated to the voter record and can be queried for client services requests or analysis. If an inactive voter participated in an election, they are automatically activated. When locality uses an e-pollbook then SVRS provides import option to seamlessly retrieve the election day activity including who voted, voting method, and if provisional voter then the voter registration information. If locality has captured the election day voting using traditional paper poll book, staff can upload a text file with the list of voters who voted at the polls. The text file can be created with Windows Notepad application and barcode scanner. Staff can also post voter credit manually for one-offs.(ERC-7.6.1, ERC-7.6.2, ERC-7.6.3, ERC-7.6.4, ERC-7.6.5, ERC-7.6.5.1). The solution will be configured to meet the criteria of the Requirement.
ERC-7.6.2	S	Manual Entry of Voter Credit	Does the Solution capture manually entered voter credit for each voter, and validate voter credit data by enforcing required fields and rejecting duplicates? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-406)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Staff can post voting credit manually as one-off. SVRS prevents duplicates voter participation history. Please also refer to explanation for requirements ERC-7.6.1
ERC-7.6.3	S	Poll List Add Voter Credit	Does the Solution support scanning a barcode to apply voter credit from a paper pollbook, and support batch processing of voter credit, allowing the user to enter required fields once, and apply that data to a group of scanned voters? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-406)	Yes	Supplier will ensure its SVRS fulfills the Requirement. If locality has captured the election day voting using traditional paper poll book, staff can upload a text file with the list of voters who voted at the polls. The text file can be created with Windows Notepad application and barcode scanner. Please also refer to explanation for requirements ERC-7.6.1 The solution does not have a lot of UI around paper pollbook. The solution mostly supports voter credits from electronic pollbooks. Manual batch processing would need to be configured in the system. The system will be configured to meet the criteria of the Requirement.
ERC-7.6.4	S	Activate Voter	Does the Solution change inactive voters' voter records to active upon receiving voter credit? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. During the Post Vote Credit process, if an inactive voter participated in an election, they are automatically activated. Please also refer to explanation for requirements ERC-7.6.1
ERC-7.6.5	S	Provide Voter History	Does the Solution capture and display voting history data for each voter, including, but not be limited to, in-person, absentee, provisional ballot submissions, and public display for voter information? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. The voter participation includes the election, voting method (in-person, absentee, provisional, curbside), counted vs not counted, party preference, and voting location. The voter participation is associated to the voter record and can be queried for client services requests or analysis. Please also refer to explanation for requirements ERC-7.6.1 For all ballot styles, voter records are on the elections tab. The system tracks if the voter failed to vote, accepted or rejected, type of ballot received. The solution will be configured to meet Virginia's ballot styles requirements.
ERC-7.6.5.1		Print Voter History	Does the Solution support allowing the display of voter history to be printable? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Election Analytics standard reports are available for Staff to print the voting history.
ERC-7.7		View and Maintain Election Results					
ERC-7.7.1		Search and Filter	Does the Solution provide the authorized user with the capability to search and filter for election results, including searching or filtering by specific fields? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement, Staff can 'close' the election and prevent any further edits. However, the election results are available for extract, query, and analysis. Under the Election Results, user can review the votes cast by candidate and referenda filter by precinct, voting method, office and so on. Under the Election Data Analytics services, staff can create ad-hoc queries for analysis. (ERC-7.7.1).
ERC-7.7.2	S	Edit	Does the Solution provide the authorized user with the capability to edit election results, and enforce reason codes for data entry changes made after election day? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. When staff needs to make edits to election results, an authorized staff should reopen the election with the reason for why they are doing so. (ERC-7.7.2)
ERC-7.7.3	S	Archive	Does the Solution provide the authorized user with the capability to archive election results and enforce reason codes to support the archived results? Please describe.	F	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS can handle multi-year voting history and election results so has not found the need to archive results. However, Team Canton will work with ELECT to provide an archive workflow. (ERC-7.7.3). The solution will be configured to meet the criteria of the Requirement.
ERC-7.8		Correspondence					
ERC-7.8.1	F	Correspondence for Non-registrant Provisional and Provisional Not Counted	Does the Solution support correspondence for non-registrant provisional and provisional not counted? Please describe.	Y	EAC.gov	Yes	Supplier will ensure its SVRS fulfills the Requirement. When provisional (or absentee ballots) are adjudicated as not-counted (or rejected), based on the reason code specific notices are queued automatically for the voter. Staff can print these notices from the notice service queue. (ERC-7.8.1). The solution can provide correspondence in the system for any voter and is automatically tied to the voter record list. The solution does not currently provide an auto generated for non registered voters. The Supplier will need to work with Elect on this requirement. The solution will be configured to meet the criteria of the Requirement.

"Official" RFP #'s	Federal, State, Regulatory	ELECT Specification Title	Requirement	Implementation Status Yes (Y) Partial (P) Future (F) No (N)	Reference links to fulfill the listed requirement. The links to any Federal, State or Regulatory requirements are provided for the Supplier to reference and review to ensure compliance.	ELECT Must Have	ELECT Proposed Final Contract language/remaining questions/clarifications
Correspondence & Reports (62)							
CAR-8.1	F, S, R	Maintain Correspondence					
CAR-8.1.1		Generate Correspondences	Does the Solution provide the authorized user with the capability to generate correspondence to voters including, but not limited to, mailed correspondence? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Microsoft Mail-Merge is a proven method to design forms and smaller fragments with imported files and comfortably meets the requirement for "what you see is what you get" (WYSIWYG) capability (CAR-8.1.1, CAR-8.6.1.1, CAR-8.6.1.2)SVRS Notice services provides multi-channel communication with voters including email and text messages. Jurisdictions can save cost and avoid sending communication to invalid email or phone number. For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Notice Service. Mail merge or extract will need to integrate the solution through API. The solution will be configured to meet the criteria of the Requirement.
CAR-8.1.2		Generate Communications	Does the Solution provide the authorized user with the capability to generate communications to voters including, but not limited to, emails and text messages? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Team Canton is in development of API-based integration with a third-party solution for seamless generation of voter notices by emails and text messages. CAR-8.1.2, CAR-8.6.2, CAR-8.6.3. The solution will be configured to meet the criteria of the Requirement.
CAR-8.1.3	S, F	Maintain and Track Correspondence	Does the Solution provide the authorized user with the capability to maintain and track correspondences, including, but not limited to, capturing the print date, reprint date, who printed, who reprinted, was the correspondence returned undeliverable, and comments? Please describe.	P	NCOA Code of Virginia - TITLE 24.2, Chapter 4	Yes	Supplier will ensure its SVRS fulfills the Requirement. When notice is issued, the transaction is captured and tracked in the Notice history log. As shown in See Supplier's Supplemental Word Document to Supplier's Supplemental Word Document to Attachment A.docx, Figure 19: Notice History Log, the notice log currently displays sent date and sent by. For the Commonwealth of Virginia, we will modify that to also include the delivery method (mail, email, text, etc.), resent date, and disposition (undeliverable). (CAR-8.1.3, CAR-8.1.9, CAR-8.1.10).
CAR-8.1.4		View Correspondence That Does Not Trigger Reprint	Does the Solution provide the authorized user with the capability to view a correspondence record without triggering a reprint situation? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS provides staff to issue notices on-demand and in bulk. As shown in Figure 15: Issue Notice On-Demand in Supplier's Supplemental Word Document to Attachment A.docx, staff can navigate to the notice tab within voter detail screen, click on the print or preview icon. The preview icon shows the notice without issuing the notice (does not trigger a reprint). Also shown is the Notification History table are the logs for the notices sent to the voter. The print icon displays the pop-up as shown in Figure 16: Notice Print Now or Later below, staff can select to print now or queue to be printed in a batch. (CAR-8.1.4).
CAR-8.1.5	S, F	View Correspondence That Does Not Capture Print Date	Does the Solution provide the authorized user with the capability to view the correspondence print date, reprint date, and who printed, regardless if correspondence attributes are present and the viewer is not the originator of the correspondence? Please describe.	Y	NCOA Code of Virginia - TITLE 24.2, Chapter 4	Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 19: Notice History Log, the notice log is available for staff with access to voter record to view the details including sent date, resend date, username of who printed it. Staff need not be the issuer of the notice. For a more comprehensive understanding, See Supplier's Supplemental Word Document to Attachment A.docx, section Notice Service.
CAR-8.1.6		Print Correspondence Without Date / Timestamp and Staff Name	Does the Solution provide the authorized user with the capability to print written correspondence, controlling or withholding the date/timestamp and staff name on the correspondence, while still capturing the print date, reprint date, and who printed the correspondence? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 12: Notice Mail Merge Preview, Staff controls what should and should not be printed on the notices including determination of not to print date/timestamp and staff name on the actual correspondence by default (CAR-8.1.6). The SVRS notice history captures details about the notice including print date, reprint date, and username who printed the notice.
CAR-8.1.7		Undeliverable Voter Correspondence Updates	Does the Solution allow undeliverable mailed voter correspondence to be marked as undelivered manually or via scanned barcode? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Staff can process incoming undeliverable notices in bulk or individually either manually or using scanned barcode (CAR-8.1.7, LM-9.5.2.3). Team Canton is in development of dynamically linking return notices to the issued notices thus marking it partial. The solution will be configured to meet the criteria of the Requirement.
CAR-8.1.8		Correspondence Management	Does the Solution provide the authorized user with the capability to manage correspondence, including the ability to control or withhold correspondence specific to designated updates to voter information? For example, controlling of voter correspondence for updating middle name to middle initial or a lower-case to upper-case? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS Notice services provides multi-channel communication with voters including email and text messages. Jurisdictions can save cost and avoid sending communication to invalid email or phone number. SVRS Notice Service under System Configuration in SVRS solution, allows ELECT or locality to define statewide and local notices respectively. ELECT can share the common template to localities. Staff can setup notice workflow to automatically generate notices based on status reason codes. Notices can be controlled to not generate for administrative changes to voter records such as updates to middle initial. (CAR-8.1.8). As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 9: Create Notice, staff creates a notice template for each domain such as voter, election and so on.
CAR-8.1.9		Historic Search/Filter of Correspondence	Does the Solution provide the authorized user with the capability to perform historic search and filter of archived records or images of correspondence, calls, emails, and texts, based on various criteria, such as by date of first contact? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS' Notice history log captures the correspondence sent to the voter. When voter responses from voter are received, staff can upload it as part of voter documents as shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 20: Add Correspondence Image. Any other correspondence such as call logs are captured as comments on voter record as shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 18: Voter Call Log Comments. The solution will be configured to meet the criteria of the Requirement.
CAR-8.1.10		Track and Store Interactions with Voters	Does the Solution track and store interactions with a voter that include correspondence, calls, emails, and texts, all in one search and filter capability? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS Notice history log captures all the outgoing correspondence and they are searchable however incoming communication such as call logs and return notices are available under comments and documents sections. As they are not all in one search and filter, marking it as partial. The notices with history will be part of API integration. The solution has the ability to search a voter tab and to add a comment. The solution can capture email, text message, a call captured in comment with the capability to expand upon it. The solution will be configured to meet the criteria of the Requirement.

CAR-8.1.11		Individual or Batch Correspondence Printing	Does the Solution provide the authorized user with the capability to configure correspondence print preferences, for individual and batch print? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS provides staff the capability to issue notices on-demand and in bulk. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 15: Issue Notice On-Demand, staff can navigate to the notice tab within voter detail screen, click on the print or preview icon. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 17: Send Notice Queue, the notices awaiting to be issued in bulk are available in the notice queue. (CAR-8.1.11). The solution will be configured to meet the criteria of the Requirement.
CAR-8.1.11.1		Correspondence Batch in User-specified Order	Does the Solution provide the authorized user with the capability to organize correspondence batches in user-specified order including, but not limited to, alphabetical, precinct, and ZIP code, in addition to being able to prioritize certain batches according to time requirements.? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 11: Notice Mail-Merge Fields, staff configures the sort order of the notice such as Precinct, ZIP Code, Voter Name alpha by moving up and down until the order column meets the need. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 18: Notice Batch Criteria, staff can prioritize notice batches by preferences such as only international or out of state domestic only, and delivery method (CAR-8.1.11).
CAR-8.1.12		Extract Correspondence Batches	Does the Solution provide the authorized user with the capability to extract correspondence in batches? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 18: Notice Batch Criteria, the notices can be extracted for third-party mailers or printed at the locality on the configured notice template in CSV, Tab Delimited, JSON, and PDF. Any other file formats for export can be implemented for the Commonwealth of Virginia (CAR-8.1.12, CAR-8.6.6).
CAR-8.1.13		Print Settings	Does the Solution provide the authorized user with the capability to generate and print letters and correspondences in a selected size format, including postcard, and to specify print settings? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 12: Notice Mail Merge Preview below, for mailed correspondence staff uses ***** Mail-Merge template to design notice layouts including postcard, labels, letters, and so on (CAR-8.1.13, CAR-8.7.2). These templates are uploaded to SVRS along with version control.
CAR-8.2		Minority Languages					
CAR-8.2.1	F	Support Minority Languages	Does the Solution support minority languages? Please describe.	Y	Language Minority Voting Rights	Yes	Supplier will ensure its SVRS fulfills the Requirement. Support of minority languages – As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 13: Minority language support below, SVRS currently supports in California minority languages including Spanish, Chinese, Hindi, Japanese, Khmer, Korean, Tagalog, Thai, and Vietnamese. (CAR-8.2.1).
CAR-8.2.2	F	Maintain Minority Languages	Does the Solution provide the authorized user with the capability to manage the minority languages process? Please describe.	Y	Language Minority Voting Rights	Yes	Supplier will ensure its SVRS fulfills the Requirement. System Configuration Service in SVRS solution allows to configure minority languages at the locality and state level. ELECT can configure the languages supported at state-level, capture voter preferences on Online Voter Registration Portal, and send statewide mailing based on voter preference on file. At the locality level, during the election setup locality can select only those languages that are applicable to them to send election materials. Languages not supported within locality defaults to English. (CAR-8.2.2, CAR-8.6.4)
CAR-8.2.3	F	Maintain Correspondence Translations	Does the Solution provide the authorized user with the capability to maintain correspondence translations of minority languages? Please describe.	P	Language Minority Voting Rights	Yes	Supplier will ensure its SVRS fulfills the Requirement. During the notice template setup, Staff configures mail-merge templates in minority languages. SVRS uses voter's language preferences on file to select the correct notice template and the translated text for the standardized values to issue the notice. (CAR-8.2.3). This is partially implemented. The solution will be configured to meet the criteria of the Requirement.
CAR-8.2.3.1	F	Maintain Denial / Translation Codes	Does the Solution provide the authorized user with the capability to associate denial and translation codes with correspondences for out of state movers, cancellations, voter notices, National Change of Address (NCOA), absentee rejections and provisional rejections explaining why they were denied? Please describe.	P	NCOA	Yes	Supplier will ensure its SVRS fulfills the Requirement. System Configuration service allows Staff to configure the translated texts for the standardized codes and descriptions such as Voter Status Change Reason Code, VBM Ballot Rejected Reason Code, and Provisional Ballot Reject Reason Code. The translation text is then dynamically used during the mail-merge and generation of notices including out of state move, cancellations, change of address, absentee rejections, and provisional ballot rejections. The translation text can be imported or exported in interoperable localization formats. (CAR-8.2.3.1, CAR-8.6.5). This is partially implemented. The solution will be configured to meet the criteria of the Requirement.
CAR-8.3		Labels					
CAR-8.3.1		List of Mail Merge Data and Labels	Does the Solution provide the authorized user with the capability to generate and print a list of mail merge data and labels generated by the system? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 11: Notice Mail-Merge Fields, notice service provides hundreds of data fields by domain (e.g., Voter, Election, Offices, Candidates) to be used as merge-fields in the mail-merge template. (CAR-8.3.1, CAR-8.3.3, CAR-8.7.2.1).
CAR-8.3.2	S	Generation of Scannable Labels	Does the Solution support the generation of labels that can be scanned using a barcode scanner or for auto-association via document scanning in addition to POSTNET format? Please describe.	F	Code of Virginia - Administrative Code - TITLE 1, Chapter 70, Section 70	Yes	Supplier will ensure its SVRS fulfills the Requirement. For the Commonwealth of Virginia, Team Canton develops the support for Intelligent Mail Barcodes (IMb) (replacement for POSTNET) for absentee ballots and all correspondence. SVRS is enhanced to scan and capture data from IMb. The solution will be configured to meet the criteria of the Requirement.
CAR-8.3.2.1		CSV Format for Labels	Does the Solution provide various file formats for generating labels, including, but not limited to, CSV? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Notice Service under System Configuration in SVRS solution allows staff to configure between CSV, Tab limited, and JSON for notice. Additional file-types can be added as needed. (CAR-8.3.2.1).
CAR-8.3.3	S, F	Alternate Mailing Address	Does the Solution allow for alternate selection of mailing address, to include, but not limited to, the following: a) Absentee Ballot Application Notification correspondence should be sent to the ballot mailing address versus voter's registered address, b) Code of Virginia §24.2-428 (C) requires National Change of Address (NCOA) mailings to go the last known address and sent as forwardable mail, and c) some ballot mailing addresses are temporary, e.g., sent to the voter who is out of town for a week or so on business or vacation? Please describe.	Y	NCOA Code of Virginia - TITLE 24.2 Chapter 4 (24.2-428)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The Mail Merge fields include rule-based addresses namely Effective Mailing Address. SVRS comes configured with rules to determine voter effective mailing address, ballot effective mailing address, and so on. ELECT can review and revise the rules to meet the needs. Here is an example of the address hierarchy used to determine Ballot Effective Mailing Address for Elections: (1) When Election-Specific Address exists, use it (2) If none, and when Ballot Mail Date falls within Temporary Address timeframe then use Temporary Address (3) If none of above, then use Mailing Address (4) If none of above, then use Residence Address
CAR-8.4		Reports, Extracts, and Queries					

CAR-8.4.1		List of Reports	Does the Solution provide a list of reports that can be produced in the system? Please describe.			Y	Supplier will ensure its SVRS fulfills the Requirement. SVRS Election Analytics includes Standard reports, Ad-hoc reports, and Advanced Analytics. Election Analytics provides a best in class, near-real time, ease of access to any information within the solution. Generally, data that are print ready for publication and those used commonly for verification and validation falls under standard reports. Based on our experience working with other election offices, a good solution should be dynamic to the changing needs where agency should be able to add new reports and remove once that are no longer used. SVRS, allows to you to manage those that are most relevant to your current needs. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Election Analytics Service.
CAR-8.4.2		List of Report Descriptions	Does the Solution augment the description of reports that can be searched or filtered by report name, report group, and report description, and have the capability to "pin" or make "favorite" reports by a user to make them easier to locate by job role, and provide a way to "expire" older reports from the list when the report is no longer maintained? Please describe.			Y	Supplier will ensure its SVRS fulfills the Requirement. Standard reports and extract are grouped and categorized by domain such as voter, election, ballot, and so on. Staff has access to a list of pre-defined reports (CAR-8.4.1, CAR-8.4.7, CAR-8.4.11), filter by report name and description, and designate report as favorites (CAR-8.4.2, CAR-8.4.4). Report Administrator can unpublish report that are no longer used.
CAR-8.4.3		Generate Reports	Does the Solution generate reports in a variety of formats, including but not limited to: Windows Supported Printer, Adobe PDF (searchable and/or with OCR), XLSX, CSV and XML, with information about generating and printing the report captured and displayed when a report is printed or reprinted? Please describe.			Y	Supplier will ensure its SVRS fulfills the Requirement. Reports are generated on the webpage however staff can save the report into various formats such as PDF, XLSX, CSV, PNG, and PowerPoint. Any other format currently not available, can be added as needed. (CAR-8.4.3, CAR-8.4.10).
CAR-8.4.3.1		Generate On-Demand / Customized / Ad Hoc Reports	Does the Solution provide the authorized users with the capability to define on demand customized / ad hoc reports, select the reports and export sets of system data from each report group in .csv and .xml formats? Please describe.			Y	Supplier will ensure its SVRS fulfills the Requirement. Every module in SVRS such as Voter, Election, Candidates, Ballots, and so on provides robust search for staff to create ad-hoc query. Staff is able to dynamically drag and drops the output results column including unstructured data such as signature images (CAR-8.4.13) to produce the extract. The ad-hoc query capabilities in-built within each module is explained within their respective sections for Voter Registration, Election Administration, Absentee Voting, and so on. SVRS is the only VREMS solution in the market that offers advanced analytics out of the box. ELECT and localities can create stunning data visualizations, and share those insights with others. The staff can drag and drop fields into reports. Report authors can seamlessly connect to the web-based report authoring tool, based on their privileges access to data is securely served. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Election Analytics Service.
CAR-8.4.3.2		Data Validation Reports	Does the Solution generate data validation reports, i.e., voter registration discrepancy, duplicate Social Security Numbers (SSN) ? Please describe.			P	Supplier will ensure its SVRS fulfills the Requirement. SVRS captures the data validation logs generated when processing voter registration data from external sources such as DMV, ERIC, etc. Staff can search for those records that have any data validation issues. The validation errors are shown on the voter record themselves for staff to resolve. For the Commonwealth of Virginia, these data validation logs can be exposed on Advanced Analytics services for staff to create custom analysis and reports. (CAR-8.4.3.2)
CAR-8.4.4		List of Most Commonly Used and Usage of Reports	Does the Solution list or designate the most commonly used and usage reports by allowing a user to "pin" or make "favorite" a report? Please describe.			P	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement CAR-8.4.1.
CAR-8.4.5		Report Parameters	Does the Solution provide the authorized user with the capability to filter reports by date range, geographic and political districts, elections, or parameters specific to the content of the report or data extract? Please describe.			Y	Supplier will ensure its SVRS fulfills the Requirement. Staff can select the report, input the parameters such as registration date range, districts, precincts, elections, party preference, and so on (CAR-8.4.5), and execute the reports.
CAR-8.4.6		Report Usage Metrics	Does the Solution provide the authorized user with usage statistics, to include but not limited to, how often a report product is used, how many times it was selected from the report list by each user, and how many times each user changes parameters, selects print or export? Please describe.			P	ADMINISTRATORS HAVE ACCESS TO THE USAGE METRICS OF REPORTS ON INCLUDING WHO USES THEM, HOW MANY TIMES USED, WHAT PARAMETERS ARE GENERALLY SELECTED, AND SO ON. THIS DATA CAN BE USED TO IMPROVE USER EXPERIENCE AND CLEAN-UP UNUSED REPORTS. (CAR-8.4.2, CAR-8.4.6). CONFIGURE AS PROVIDED - ELECT WAIT FOR REMAINING FUNCTIONALITY VIA ROADMAP
CAR-8.4.7	S	Report Categorization	Does the Solution allow for reports to be categorized, so a user can select from a subset of reports relevant to their workflow? Please describe.		Code of Virginia - TITLE 24.2, Chapter 4 (24.2-405)	Y	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement CAR-8.4.1.
CAR-8.4.8	S	All Reports, Including Freedom of Information Act (FOIA) Reports, Control or Withhold Personally Identifiable Information (PII)	Does the Solution support all reports, including Freedom of Information Act (FOIA) requests by allowing users an option to control Personally Identifiable Information (PII) from being presented on all reports, customized reports, and ad hoc output? Please describe.		Code of Virginia - TITLE 24.2, Chapter 4	Y	Supplier will ensure its SVRS fulfills the Requirement. Access to data can be secured at the column and row level including Personal Identifiable Information. The reports that contain PII are limited to users with permission to view that data. Report authors who do not have access to PII cannot view that data. The solution will be configured with the ability for only an authorized user to have the ability to preview Personal Identifiable Information on all reports, including Freed of Information Act (FOIA) requests by allowing users an option to control PII from being presented on all reports, customized reports and ad hoc output.
CAR-8.4.9	S	Report to Other States of Voters Moving to Commonwealth	Does the Solution provide the authorized user with the capability to generate a report to other states that includes voters who moved to the Commonwealth from their specific state? Please describe.		Code of Virginia - TITLE 24.2, Chapter 4	Y	Supplier will ensure its SVRS fulfills the Requirement. When voter registration data received contains previous registration information, SVRS compares the previous residence address to determine if voters are moving in from another State. These voters are flagged to be included in the Out-of-State move-in report. This report is scheduled to be sent to the report subscriber. (CAR-8.4.9). The solution will be configured to include the ability to generate the out of state notification on a schedule determined by ELECT for each applicable state.
CAR-8.4.10		Report Output in CSV, Excel, PDF and XML	Does the Solution generate report output in CSV, Excel, PDF and XML that contains no merged data? Please describe.			Y	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement CAR-8.4.3.
CAR-8.4.11		List of Data Extracts	Does the Solution provide a list of data extracts with associated descriptions? Please describe.			Y	Please refer to explanation for requirement CAR-8.4.2. The solution can extract from multiple areas of the system. They are grouped into the system by logical business areas.

CAR-8.4.12		Generate Extracts	Does the Solution generate data extracts in various formats, including, but not limited to, CSV, Excel, PDF? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS solution offers specialized extracts. These include Public Voter Registration Data Request, Jury Wheel Extract, Report of Registration, Official Voter List, Voter Information Guide, and so on. As needed, these extracts support generation of supplemental data (includes only delta), scheduling, exclusion of confidential voters, and so on. These extracts are generated in CSV, Excel, PDF, and XML (CAR-8.4.12).
CAR-8.4.12.1	S	Client Services Extracts	Does the Solution provide the capability to generate data extracts, that can be made available for Client Services requests, as per Code of Virginia (for example, limited to specified fields)?	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-405) Code of Virginia - TITLE 24.2, Chapter 4 (24.2-406) Code of Virginia - TITLE 24.2, Chapter 4	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS solution offers Public Voter Registration Data Request (PVRDR) and Jury Wheel Extract (JWE) services, these two services combined satisfies the requirement for Client Services Extracts (CES). SVRS_JWE service is a robust solution to track, manage, extract, publish, and audit request for voter registration data from Courts. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Specialized Extracts.
CAR-8.4.12.2	S	Client Services Interface and Processing	Does the Solution provide the capability to schedule a file extract, or accept manual requests of file extracts, where the extract results must be available in a configurable location for Client Services requests, and provide the capability to process payments for Client Services requests? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-405) Code of Virginia - TITLE 24.2, Chapter 4 (24.2-406) Code of Virginia - TITLE 24.2, Chapter 4	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS_PVRDR service is a robust solution to track, manage, extract, publish, and audit request for voter registration data from candidates, political parties, not-for-profits, and so on. When the CES extract files are available, they can be directly downloaded to user selected location (CAR-8.4.12.2). Solution also tracks when and who downloaded the files.
CAR-8.4.13		Generate Query Results	Does the Solution generate query results to capture unstructured data that should be able to be retrieved from the system (e.g., signature fields)? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. On SVRS ad-hoc query screens, staff is able to dynamically drag and drops the output results column including unstructured data such as signature images (CAR-8.4.13) to produce the extract.
CAR-8.4.14		Report Filtered Work List Management	Does the Solution support report filtered work list management functions, including, but not limited to, showing the user their position in the filtered work list for their reports, scheduling reports to be run at a specific time, ability to set up a recurring schedule for reports, ability to suspend scheduled reports, ability to cancel scheduled reports, ability to redirect reports from one server or service to another, ability to maintain statistics of report usage and system administration role to affect jobs created by other users? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Staff can use subscriptions to email snapshot of a report at scheduled times. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 22: Report Subscription Schedule, staff can specify a custom schedule to receive the reports. Staff can unsubscribe from an existing subscription, or make changes to a subscription's format, schedule, subject, or empty view mode. (CAR-8.4.14). The solution matches closely with the Supplier's ***** offer. A report can provide a list maintenance or business maintenance. The Supplier's out of the box solution covers *****. The solution will be configured to meet the criteria of the Requirement.
CAR-8.5		EAC Reporting and *****					
CAR-8.5.1	F	Elections Assistance Commission (EAC) Reporting	Does the Solution provide the authorized user with the capability to export Election Administration and Voting Survey (EAVS) data in a format compatible with the available U.S. Election Assistance Commission (EAC) submission guidelines at the time the system is put in to production? Please describe.	P	U.S. Elections Assistance Commission (EAC)	CONFIGURE AS PROVIDED - ELECT WAIT FOR REMAINING FUNCTIONALITY VIA ROADMAP	When it comes time to responding to EAVS survey, ELECT can be self-sufficient and run out-of-box extracts that draws on necessary data to fill out the EAVS section A-F (CAR-8.5.1, CAR-8.5.3). Based on our experience, each agency requires some customization/configuration to deal with agency specific data standards and rules thus marking it as partial.
CAR-8.5.2		System Changes Impact to Elections Assistance Commission (EAC) Reporting	Does the Solution inform how system changes impact Elections Assistance Commission (EAC) reporting, and with export function editable to accommodate future changes in the Election Administration and Voting Survey (EAVS) format or reporting requirements? Please describe.	Y		CONFIGURE AS PROVIDED - ELECT WAIT FOR REMAINING FUNCTIONALITY VIA ROADMAP	Authoring tool within SVRS Advanced Analytics service allows ELECT to enhance the data captured within SVRS to keep up with changes to EAVS survey (CAR-8.5.2). This is provided with the out of the box solution offering and currently offers reporting capabilities. The solution has the ability to search a point-in-time or history. For EAVS reporting, the solution relies on voter history to set up a pre-defined data points related to voter registration. The firm can look at Elect's business processes and modifications to the reporting can be done. For go-live, the latest report will be used.
CAR-8.5.3		Elections Assistance Commission (EAC) Validation and Reconciliation	Does the Solution support providing data in a format usable by the Elections Assistance Commission (EAC) provided validation tools? Please describe.	P		CONFIGURE AS PROVIDED - ELECT WAIT FOR REMAINING FUNCTIONALITY VIA ROADMAP	Please refer to explanation for requirement CAR-8.5.1.
CAR-8.5.4	F	Elections Assistance Commission (EAC) Transaction Tracking	Does the Solution provide transaction tracking for National Voter Registration Act (NVRA) and audit tracking purposes? Please describe.	P	U.S. Elections Assistance Commission (EAC)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The required data for EAC reporting that is summarized includes voter registration status reason (e.g., USPS notice, confirmed per response to notice), type of registration (e.g., regular, pre-registration, UOCAVA), method and source of voter registration, type of ballots (e.g., regular vote-by-mail, in-person, UOCAVA vote-by-mail), ballot disposition, and so on. (CAR-8.5.4, VR-1.2.1.19, LM-9.5.3). Based on our experience, each agency requires some customization/configuration to deal with agency specific data standards and rules thus marking it as partial. The solution will be configured to meet the criteria of the Requirement.
CAR-8.5.5		Elections Assistance Commission (EAC) History Tracking	Does the Solution provide history tracking for Elections Assistance Commission (EAC) reporting to show historic compliance? Please describe.	F		CONFIGURE AS PROVIDED - ELECT WAIT FOR REMAINING FUNCTIONALITY VIA	While the data is already available within SVRS solution, for the Commonwealth of Virginia Team Canton proposes to build following features to enhance the coordination between ELECT and localities and track historical reporting – a) Screens for localities to input answers for survey questions for which data is not available within voter and election data. Screens for localities to indicate readiness for the ELECT to generate the EAVS reports on their behalf. (CAR-8.5.5) b) Option for ELECT and localities to view previously completed EAVS surveys. (CAR-8.5.5)

CAR-8.5.6		Capture Election Survey Data	Does the Solution capture election data gathered from each locality through a survey mechanism on Election Day? Please describe.	F		CONFIGURE AS PROVIDED - ELECT WAIT FOR REMAINING FUNCTIONALITY VIA ROADMAP	Please refer to explanation for requirement CAR-8.5.5.
CAR-8.5.7		Integration With Reporting Systems to Extract Data	Does the Solution support the integration with reporting systems, to extract data necessary to satisfy the reporting needs, as determined by ELECT? For example, ****, Power BI, etc. Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. ELECT and localities can bring their own reporting system such as ****, PowerBI to connect to our published Data Lake to power analytics. The published data sources within our data lake is simple and easy to understand for business users. The reporting systems can be integrated using single login credential (SSO) to serve data securely.
CAR-8.6		Correspondence and Forms Design, Composition, and Design Tool					
CAR-8.6.1			Does the Solution provide the authorized user with the capability to design reports and outbound communications? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 12: Notice Mail Merge Preview, for mailed correspondence staff uses **** Mail-Merge template to design notice layouts including postcard, labels, letters, and so on (CAR-8.1.13, CAR-8.7.2). Microsoft Mail-Merge is a proven method to design forms and smaller fragments with imported files and comfortably meets the requirement for "what you see is what you get" (WYSIWYG) capability. For the email and text message correspondences, currently the messages are designed by System Administrator. We propose to add in later releases, WYSIWYG capability for staff to design the email and text message themselves similar to mailed correspondence. (CAR-8.6.1, CAR-8.6.1.1, CAR-8.6.1.2).
CAR-8.6.1.1		Ease of Use	Does the Solution provide the authorized user with the capability to design reports and communications with the "what you see is what you get" (WYSIWYG) authoring capabilities? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement CAR-8.6.1.
CAR-8.6.1.2		Composability	Does the Solution support the authorized user with the capability to compose forms, using smaller fragments from imported or exported files? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement CAR-8.6.1.
CAR-8.6.2		Correspondences By Text Message	Does the Solution provide the capability to submit correspondences by text message, to authorized voters that have requested this delivery format? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Team Canton is in development of API-based integration with a third-party solution for seamless generation of voter notices by emails and text messages. CAR-8.1.2, CAR-8.6.2, CAR-8.6.3
CAR-8.6.3		Correspondences By Email	Does the Solution provide the capability to submit correspondences by e-mail, to authorized voters that have requested this delivery format? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement CAR-8.6.2.
CAR-8.6.4		Language Support	Does the Solution support the creation of forms that can be localized in different languages? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement CAR-8.2.2.
CAR-8.6.5		Interoperable Localization Formats	Does the Solution support the use of XML Localization Interchange File Format (XLIFF) or another publicly available standard for import and export of localization data? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement CAR-8.2.3.1.
CAR-8.6.6		Output Formats	Does the Solution support output to various formats, including, but not limited to, HTML, PDF, and print streams? For reports containing tabular data, does the solution support output in tabular CSV? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement CAR-8.1.12. The solution supports pdf print materials. **** adds additional output formats. HTML and CSV will be configured.
CAR-8.7		Mail Type, Data Merge, Barcodes and Scan					
CAR-8.7.1		Mail Type Metadata	Does the Solution provide the authorized user with the capability to associate mail jobs with the type of mail class required, and ancillary service endorsements applied, if any? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown Supplier's Supplemental Word Document to Attachment A.docx, Figure 12: Notice Mail Merge Preview, Staff can associate type of mail class and ancillary service endorsements into the mail template. (CAR-8.7.1).
CAR-8.7.2		Data Merge	Does the Solution provide the authorized user with the capability to merge data from back-end data sources in order to produce correspondences with the required information? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown Supplier's Supplemental Word Document to Attachment A.docx, Figure 11: Notice Mail-Merge Fields, notice service provides hundreds of data fields by domain (e.g., Voter, Election, Offices, Candidates) to be used as merge-fields in the mail-merge template. (CAR-8.3.1, CAR-8.3.3, CAR-8.7.2.1).
CAR-8.7.2.1		Contact Information	Does the Solution provide the authorized user with the capability to merge data elements related to offices and position holders? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS System Configuration Service allows staff to define mail-merge templates within Offices domain. The mail-merge fields available for the notices within offices domain includes position holder contact information by office.
CAR-8.7.3		Scannable Voter ID Barcode	Does the Solution provide the capability to add a scannable voter ID barcode on all applicable letters and correspondences? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Solution supports inclusion of fields (e.g., Voter ID, Ballot ID) as barcode in different types including UPC, Code 39, and Code 128 (CAR-8.7.3). The records can be quickly pulled up by scanning the barcode on voter quick search.
CAR-8.7.3.1		Mailstream Capture	Does the Solution provide the capability to scan or otherwise capture barcodes and other data found on envelopes of incoming mail? Please describe.	F		Yes	Supplier will ensure its SVRS fulfills the Requirement. For the Commonwealth of Virginia, Team Canton develops the support for Intelligent Mail Barcodes (IMb) (replacement for POSTNET) for absentee ballots and all correspondence. SVRS is enhanced to scan and capture data from IMb. The solution will be configured to meet the criteria of the Requirement.
CAR-8.7.3.2	S	Intelligent Mail Barcodes for Absentee Ballots	Does the Solution provide the capability of affixing Intelligent Mail Barcodes (IMb) for absentee ballot labels addressed to the absentee voter, and for absentee ballots that are sent by mail? Please describe.	F	Code of Virginia - Administrative Code - TITLE 1, Chapter 70, Section 70	Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement CAR-8.7.3.1. The solution will be configured to meet the criteria of the Requirement.
CAR-8.7.3.3		Intelligent Mail Barcodes All Correspondence	Does the Solution provide the capability of affixing Intelligent Mail Barcodes (IMb) to all applicable letters and correspondences, for example, the absentee ballot labels addressed to the absentee voter, and for absentee ballots that are sent by mail? Please describe.	F		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement CAR-8.7.3.1. The solution will be configured to meet the criteria of the Requirement.

"Official" RFP #'s	Federal, State, Regulatory	ELECT Specification Title	Requirement	Implementation Status Yes (Y) Partial (P) Future (F) No (N)	Reference links to fulfill the listed requirement. <i>The links to any Federal, State or Regulatory requirements are provided for the Supplier to reference and review to ensure compliance.</i>	ELECT Must Have	ELECT Proposed Final Contract language/remaining questions/clarifications
List Maintenance (66)							
LM-9.1	F, S, R	Manage Data Resources					
LM-9.1.1	S, F	Mastering of Resident Data	Does the Solution support the identification and integration of master data across sources? Please describe.		Code of Virginia - TITLE 24.2, Chapter 4 (24.2-404)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS supports Master Data Management. We implement data matching using our own home-grown state-of-the-art **** Service which is built using Machine Learning and Data Science. We don't perform expensive relational queries, but created our own models or algorithms for matching. Our AI model also supports explain-ability properties to inform what were the features that contributed more to the matchings. This service receives data in a canonical format from our Partner Data Integration Service and together with the records in the system database proceeds to transform the features (matching variables) into a vectorized representation for the matching data and the database records. Then performs a search optimization process by reducing the search space, and finally executes a similarity to find the matching results as shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 32: People Identification Service. search. This process basically requires the identification and integration of master data across sources. (LM-9.1.1).
				Y	US House Code, Federal Election Administration - Chapter 209		
LM-9.1.2	S, F	Automatic Record Linkage	Does the Solution support the intelligent discovery of links between person entities across disparate data sources? Please describe.		Code of Virginia - TITLE 24.2, Chapter 4 (24.2-404)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The intel Match Service, as explained above has intelligence built in to perform matchings between entities across disparate resources (files, data bases, etc.) (LM-9.1.2). The solution will be configured to meet the criteria of this Requirement.
				P	US House Code, Federal Election Administration - Chapter 209		
LM-9.1.3		Record Linkage Control	Does the Solution provide the authorized user with the capability to specify the allowed algorithms, rules, and flows used to perform record linkage? Please describe.			Yes	Supplier will ensure its SVRS fulfills the Requirement. The capability to explain by quantitative telling what features influenced more in the matching decisions meets requirement (LM-9.1.3). Algorithm can be modified for performance. The user can select fields to match the records. The matching is performed from a database source from a batch or real time. The user can determine the confidence level for those selected fields and they can be modified. The solution will be configured to meet the criteria of the Requirement.
				Y			
LM-9.1.4		Level of Confidence	Does the Solution provide the ability to generate a level of confidence for a given match, with the ability to explain the methodology behind the scoring or metric? Please describe.			Yes	Supplier will ensure its SVRS fulfills the Requirement. The level of confidence is intrinsic to the algorithm process, the vectorization and similarity search, to find the "k" best matches. The initial weights of the process are determined, but don't have a huge effect in the final decision, since these are being re-calculated internally by the model. By making this process almost independent of human weights inputs, we assure a more optimized and accurate matching process that only depends on the data of the system. We meet or exceed expectations on these requirements (LM-9.1.4.1), (LM-9.1.4.2). The solution will be configured to meet the criteria of the Requirement.
				P			
LM-9.1.4.1		Customizable Level of Confidence	Does the Solution provide the authorized user with the capability to configure the weights for different match criteria, such that the level of confidence score can be customized? Please describe.			Yes	Supplier will ensure its SVRS fulfills the Requirement. The level of confidence is intrinsic to the algorithm process, the vectorization and similarity search, to find the "k" best matches. The initial weights of the process are determined, but don't have a huge effect in the final decision, since these are being re-calculated internally by the model. By making this process almost independent of human weights inputs, we assure a more optimized and accurate matching process that only depends on the data of the system. We meet or exceed expectations on these requirements (LM-9.1.4.1), (LM-9.1.4.2).
				Y			
LM-9.1.4.2		Minimum Level of Confidence	Does the Solution provide the authorized user with the capability to configure a minimum confidence threshold to be considered a potential match? Please describe.			Yes	Supplier will ensure its SVRS fulfills the Requirement. The level of confidence is intrinsic to the algorithm process, the vectorization and similarity search, to find the "k" best matches. The initial weights of the process are determined, but don't have a huge effect in the final decision, since these are being re-calculated internally by the model. By making this process almost independent of human weights inputs, we assure a more optimized and accurate matching process that only depends on the data of the system. We meet or exceed expectations on these requirements (LM-9.1.4.1), (LM-9.1.4.2).
				Y			
LM-9.1.5		Match Groups	Does the Solution provide the ability to generate groups of matches, including moving matches between groups? Please describe.			Yes	Supplier will ensure its SVRS fulfills the Requirement. We plan to add matching groups model in future releases of the intel Match Agent. (LM-9.1.5) The source of the record defines the group for group matching. In the User Interface (UI) the online registration and UCLA group matching based on jurisdiction and district. The absentee record would be handled the same as voter record. Felony and death records are not matched by group matching because its based on record source not district.
				P			
LM-9.1.6		Survivorship	Does the Solution provide the ability to populate a master record from data elements collected from validated and authorized data sources, and provide the ability to execute survivorship rules on the initial mass processing of data, as well as incrementally over time? Please describe.			Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS supports creating or merging a master record from data elements collected from validated and authorized data sources. Survivorship rules (merging rules) are defined and implemented during implementation time (LM-9.1.6). The user has ability to enter the record and validate the release date for an active record. If the record is not active, then the system will not generate a release date. Merging rules would be defined with Elect during the implementation phase.
				Y			
LM-9.1.7		Given Name Aliases	Does the Solution provide the authorized user with the capability to perform the collection, matching, and retrieval of name aliases for a given person entity? Please describe.			Yes	Supplier will ensure its SVRS fulfills the Requirement. Team Canton will work with ELECT to identify a data collection of name alias that can be imported into SVRS. The intel Match service is then configured to include the name alias as part of match criteria. (LM-9.1.7). The solution will be configured to meet the criteria of the Requirement.
				F			
LM-9.1.8		Real Time Identity Resolution	Does the Solution support real time identification for reviewing the master data? Please describe.			Yes	Supplier will ensure its SVRS fulfills the Requirement. Real time identification is supported in the application views. The data to be identified is entered into the system, and a REST API is called to send the data to the Partner Data Integration Service, which in turn sends the data in canonical format to the intel Matching Agent. The results are returned to the client via call backs. (LM-9.1.8) Real time matching is not currently in the workflow but can be changed to meet the needs of the Elect. Agency matching would be done in real time and allows the data entry user to make a decision in real time.
				Y			

LM-9.1.9		Data Lineage	Does the Solution provide the ability to track data lineage details about all records? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. All records have a source of origin in the system. Some of them will be from data conversion, others entered via the application UI, others from external partners. We record the origin of the data in the data lake from the replicated database, or from the Partner Data Integration service. This metadata is kept in a data repository in our data lake and any transformations to the data is saved to the repository, in this way any user can trace the records lineage (LM-1.9.9).
LM-9.1.10		Data Sources, Self-service	Does the Solution provide facilities for additional data sources to be loaded and integrated, without requiring code changes or additional professional solutions or services? Please describe.	P		CONFIGURE PARTIALLY AS PROVIDED.	If there is a need to load and integrate data from additional data sources into the system without requiring code changes, this means that this is a pass-thru data and no validations, transformations are needed and the underlying logic to handle this data is already built in the system; so yes, we support this model. Otherwise, the data will need structural and data format validations extra code, as well as mappings and logic to handle the data. (LM-9.1.10)
LM-9.1.11	S	Data Sharing	Does the Solution support sharing voter registration data with authorized entities? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. With respect to sharing voter registration data with authorized entities; the application provides rules for users to have this privilege. Also, the system can use the Partner Integration Service to share (send) data to other authorized entities via the outbound interface (LM-9.1.11).
LM-9.1.11.1	F	Electronic Registration Information Center (ERIC)	Does the Solution support generating exports in the format required by the Electronic Registration Information Center (ERIC)? Please describe.	F	HAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. The Team Canton has experience working with ERIC format in Washington, D.C. and Maryland. For the Commonwealth of Virginia, Team Canton configures the data pipelines via Partner Data Integration Service to periodically export encrypted voter records to the ERIC sFTP site. The solution will be configured to meet the criteria of the Requirement.
LM-9.1.11.2	S	Courts	Does the Solution support generating exports in the format required by the courts for jury selection purposes? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. For information related to integration with Jury Wheel Extract, please refer to section Jury Wheel Extract Service under Client Services Extracts . (LM-9.1.11.2)
LM-9.2 Enterprise Data Integration							
LM-9.2.1	S	Enterprise Data Ingestion and Integration	Does the Solution support the ingestion and integration of data from multiple agencies and information sources? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. As general reference on how our Enterprise Application Integration Service works (Partner Integration Service), please refer to 4.3.13.7. External Interfaces. Our Partner Integration Service supports data ingestion and integration from multiple agencies and information sources. We support multiple data communication protocols and data formats in our end points for data ingress and data egress. (LM-9.2.1).
LM-9.2.1.1		Batch Integration	Does the Solution support the ingestion of data in bulk, using standard data-interchange formats (e.g. XML, JSON, CSV)? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Our External Partner Integration supports data ingress in bulk using standard data interchange formats such as XML, JSON, CSV as mentioned in section 4.3.14 (LM-9.2.1.1)
LM-9.2.1.2		Merge Support	Does the Solution support the integration of both new and incrementally changed data? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS supports ingestion of new data via insert statements in the database. It also supports key-based data ingestions, using reference fields as in update_at_columnname. (LM-9.2.1.2)
LM-9.2.1.3		Deduplication	Does the Solution support the capability to deduplicate records in bulk? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Data deduplication is supported by our system using key matching features thru our intel Matching Service (LM-9.2.3).
LM-9.3 Eligibility Prequalification							
LM-9.3.1	S	Eligibility Lists	Does the Solution support the continuous ingestion of data sources used for eligibility determinations? Please describe.	Y	Code of Virginia - TITLE 24.2 Chapter 4, Article 2	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS Solution's Partner Data Interface Service supports API and File based integration to ingest external agency data, such as DMV, VSP, and Courts (LM-9.3.1) For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, sections External Interfaces, Deceased Check, Adjudicated Incapacitated Check, Felon Check, and Non-Citizenship Check.
LM-9.3.2		Manual Entry	Does the Solution provide the authorized user with the capability to manually enter and correct prohibited list data? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Our **** Services maintains a master record of prohibited list data used to check for voter ineligibility, such as Felon, Adjudicated Incapacitated, Deceased, and non-citizens. Staff can search and manage the master record of prohibited list data including – Add or correct record such as felon, deceased, adjudicated incapacitated (LM-9.3.2) Mark a felon or adjudicated record as restored (LM-9.3.3, LM-9.3.4) When new voter registration is received, SVRS automatically completes in near-real-time the eligibility check against the prohibited list data including – Deceased Check Felon Check Adjudicated Incapacitated Check Non-Citizenship Check When a high-confidence match is found with prohibited list, the voter record is automatically cancelled with the reason. The source of data used for the determination is associated to the voter record for audit.
LM-9.3.3		Felon Restoration	Does the Solution provide the capability to calculate if a felon is eligible to register to vote, given the felon's restoration status? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement LM-9.3.2 above
LM-9.3.4		Adjudicated Incapacitated	Does the Solution provide the capability to calculate if a person who has been adjudicated as incapacitated is eligible to register to vote, given the person's restored status? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement LM-9.3.2 above. The solution will be configured to meet the criteria of the Requirement.
LM-9.4 Duplicate Resolution							

LM-9.4.1	F	List of Eligible Voters Free of Duplicates	Does the Solution keep the list of eligible voters free of duplicate registrations? Please describe.	Y	US House Code, Federal Election Administration - Chapter 209	Yes	<p>Supplier will ensure its SVRS fulfills the Requirement. Duplicate ***** Service Agent</p> <p>SVRS solution offers duplicate ***** Service Agent which is an accurate, fast, and reliable matching solution driven by machine learning models (LM-9.4.1). SVRS overcomes the drawbacks of conventional matching process that includes:</p> <p>Based on a best guess, agency must define match criteria and arbitrarily assign confidence level (e.g., first full last name, first 5 characters of first name, DOB, OR DMV number & last 4 digits of SSN has a confidence of 95% match)</p> <p>Due to performance consideration, agency must limit the number of match criteria, match basis (e.g., Exact Match, First 5 characters, Soundex), and number of data fields (maybe 4-5 fields)</p> <p>SVRS' ***** Service Agent uses power of mathematics and machine learning to curate high performance matching models which will:</p> <p>Intelligently navigate around typos, Soundex, "Smartnames", partial data and so on. This is particularly important when receiving voter registration data from external agency.</p> <p>Duplicate ***** Service Agent swiftly returns 'matching pairs', and 'possible matches' for incoming voter registration record based on thresholds. Agent can be invoked in real-time from anywhere within the application such as while processing electronic or paper voter registration. Agent can be initiated for just one voter, one county, or an entire state.</p> <p>For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Manage Duplicates.</p>
LM-9.4.1.1		Import Matches	Does the Solution provide for the import of matches identified from external systems, i.e. duplicates? Please describe.	Y		Yes	<p>Supplier will ensure its SVRS fulfills the Requirement. SVRS solution can be modified to import and consolidate duplicate matches identified from external system with those identified from duplicate ***** Service Agent. Team Canton recommends the duplicate matches from external sources minimally follow these rules: uses VoterIDs as it exists in SVRS; and includes the basis of each match, confidence level, and match identified date. (LM-9.4.1.1)</p> <p>For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Manage Duplicates.</p>
LM-9.4.1.2		Control of Processing	Does the Solution provide the authorized user with the capability to configure which duplicates must be presented to a data steward? Please describe.	Y		Yes	<p>Supplier will ensure its SVRS fulfills the Requirement. ELECT can define the confidence threshold to manage automated vs manual resolution of duplicates (LM-9.4.1.2). Agency only needs to define these two categories of inputs:</p> <p>Match fields - The fields that can be considered for match (e.g., Last Name, First Name, DOB, OR DMV number, last 4 digits of SSN, and so on)</p> <p>High and Low confidence match thresholds - Any match that returns a score above the high confidence threshold is considered a valid match. Matches with score between high and low confidence threshold is considered a potential match, needs manual review.</p> <p>Agency can crawl, walk, and run towards automation. Agency can conservatively start out with the high confidence threshold at 99%. Based on real-world performance, the threshold can be lowered. As more duplicate matches are automatically processed, the Staff is freed to focus on other important activities.</p> <p>For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Manage Duplicates.</p>
LM-9.4.1.2.1		Remember Review Decisions	Does the Solution retain the decision made by data steward regarding a potential duplicate, and prevent the duplicate from being reviewed again, unless specific information has been changed? Please describe.	Y		Yes	<p>Supplier will ensure its SVRS fulfills the Requirement. Staff navigates to the Process Duplicate queue and begins to work them on a FIFO method. Staff can concurrently work the queue without interfering in each other's records. As shown in Figure 36: Duplicate Voter Matches below, Staff can search and sort through the queue by Received dates, Match Status, Voter Name, or Voter ID. If already processed, they can search by Processed Dates, Processed By, and if there were any errors in the process. Same records are not matched again. Staff has the option to export the list. (LM-9.4.1.2.1)</p> <p>For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Manage Duplicates.</p>
LM-9.4.1.3		Merging of Records	Does the Solution provide the ability to merge records together on a field by field basis? Please describe.	Y		Yes	<p>Supplier will ensure its SVRS fulfills the Requirement. SVRS' intel-Merge Service Agent uses Master Data Management patterns to match and merge duplicates while preserving the data lineage (LM-9.4.1.3). The drawbacks of conventional merge process include:</p> <ul style="list-style-type: none"> • Merge is limited, at best it copies specific historical voter data such as voter participation, images, and so on from non-survivor to survivor record. It is expensive to add new data categories as it involves implementing it for historical merges. • Unable to undo a merge or un-merge is complex. • Both merge and unmerge creates duplicate and/or orphan records. • With the loss of data lineage, statistics reports produce inconsistent data for voter, ballot, and so on. <p>For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Manage Duplicates.</p>
LM-9.4.1.3.1		Survivorship Rules	Does the Solution provide the authorized user with the capability to configure the rules by which records are collapsed into a single record? Please describe.	Y		Yes	<p>Supplier will ensure its SVRS fulfills the Requirement. SVRS' intel-Merge Service Agent successfully resolves the drawbacks of conventional merge and much more. The benefits include: ELECT can determine the rules for which voter record becomes the survivor (e.g., Voter with most recent registration date or voting history). (LM-9.4.1.3.1)</p> <p>For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Manage Duplicates.</p>

LM-9.4.1.3.2		Undo Merging of Records	Does the Solution provide the ability to undo the collapse operation of two records such that original state of the records may be restored, where any changes made to the record since collapsing may be made to either record, both records, or discarded? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. If records were merged in user error, Staff can undo a merge at any point in time without loss of data, duplication, or orphan records. The non-survivor record is restored to a state as it existed before the merge. This includes cross county data. (LM-9.4.1.3.2) For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Manage Duplicates.
LM-9.4.1.3.3		Notification of Merge	Does the Solution support the notification that a merge has occurred to interested parties, including the locality from which the record was merged from, if it is not the same as the current locality? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. After the merge, the non-survivor record virtually ceases to exist as a separate record so it does not appear as canceled voter or otherwise. The impacted counties are notified about the merge. (LM-9.4.1.3.3). For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Manage Duplicates.
LM-9.4.1.4		Notification of Voter With Duplicate Voting History	Does the Solution provide the ability to notify authorized users that a voter has potentially voted twice in the same election in Virginia? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS Election Analytics provides voters voted more than once report, this includes voter who voted when they had separate records but were merged after. (LM-9.4.1.4). For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Manage Duplicates.
LM-9.5		Maintaining Accurate Lists					
LM-9.5.1	F	Maintaining Up To Date Lists	Does the Solution support efforts to keep the eligible lists of voters up to date? Please describe.	Y	US House Code, Federal Election Administration - Chapter 209 Code of Virginia - TITLE 24.2, Chapter 4 (24.2-404)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS **** Services supports list maintenance processes as required by federal, state, and local election laws including (LM-9.5.1.1) – • Merge duplicates voters • Move voter based on change of address using data from USPS, DMV, or Voter Notice • Update voter status based on voter activity (or inactivity for a period) • Cancel voter due to ineligibility of felon, deceased, citizenship, or residency In addition to above mentioned List Maintenance process, SVRS also supports ingestion of data from Voter registration agencies as designed by NVRA to ensure eligible voter list is up to date. (LM-9.5.1)
LM-9.5.1.1	F	National Voter Registration Act (NVRA) General Program	Does the Solution support the conduct of list maintenance programs authorized under the National Voter Registration Act (NVRA)? Please describe.	Y	US House Code, Federal Election Administration - Chapter 209	Yes	Supplier will ensure its SVRS fulfills the Requirement. In the States of California and Maryland, SVRS supports processing of NCOA records from USPS (LM-9.5.1.1). SVRS provides functionally a) export the voter data USPS change of address processing b) import the results of change of address processing, SVRS' NCOA Partner Data Integration Service filters from incoming file those records that do not show voter has moved or voter move is older than what is on SVRS. The voters who have moved are queued for processing, as shown in Figure 33: List Maintenance Queue.
LM-9.5.1.1.1	F	General Program Sources	Does the Solution support the ingestion of data sources authorized by ELECT for the conduct of the National Voter Registration Act (NVRA) General Program? Please describe.	Y	US House Code, Federal Election Administration - Chapter 209	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS provides Data Integration Services design architecture that supports both real-time and batch data processing of change of address information from multiple data sources such as NCOA, DMV, and ERIC.
LM-9.5.1.1.2	F	General Program Matching	Does the Solution provide the ability to process data sources that identify that a voter may have moved, and determine if that move occurred within the locality, outside the locality but within the Commonwealth, or outside the Commonwealth? Please describe.	Y	NCOA	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS uses the change of address information (e.g., Forwarding Information, Forwarding State, and Parsed Forwarding County Code attributes) to determine the type of move such as a) In-Locality Move b) Out of Locality Move c) Out of Commonwealth Moves (LM-9.5.1.1.2).
LM-9.5.1.1.3		General Program Processing for In-Locality Moves	Does the Solution provide the ability to automatically update a change of address, identified as affecting a voter residing within the same locality by authorized data sources, and send a registration confirmation correspondence to the new address? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. In-Locality Move: When forwarding information is available in the incoming response, SVRS solutions auto-precincts the parsed address from NCOA response and uses the effective change date to update the voter record. The voter is queued for in-locality move residency confirmation notice. If records are not precinctable, then the record is flagged for manual processing. (LM-9.5.1.1.3)
LM-9.5.1.1.4	F	General Program Processing for Out of Locality Moves	Does the Solution provide the ability to generate registration confirmation correspondences to voters identified by authorized data sources belonging to voters who may have moved outside the locality, but within the Commonwealth? Please describe.	Y	NCOA	Yes	Supplier will ensure its SVRS fulfills the Requirement. Out of Locality Move: Voter is automatically queued for out of locality move residency confirmation notice. ELECT can choose to enable the forward to the new locality option to send the NCOA record to the new locality (LM-9.5.1.1.4).
LM-9.5.1.1.5	S	General Program Processing for Out of Commonwealth Moves	Does the Solution provide the ability to generate cancellation request correspondences to addresses identified by authorized data sources, belonging to voters who may have moved outside the Commonwealth? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-427)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Out of Commonwealth Move: Voter is automatically queued for cancellation notice for out of state move (LM-9.5.1.1.5).
LM-9.5.1.1.6	S	General Program, Voter Status Change	Does the Solution provide the ability to indicate that voters identified by authorized data sources are subject to removal, pending qualifying voter activity, thirty days after any National Voter Registration Act (NVRA) mailing? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-428)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Residency conformation notices are sent to the new forwarding address but if no forwarding address was available, then the notice is sent to the old address. ELECT can configure by notice type the number of days (e.g., 30 days) to wait for response from voter before updating the voter to the configured status and status reason. (LM-9.5.1.1.6)
LM-9.5.1.1.7	S	Process Department of Motor Vehicle (DMV) Out-of-State Notice	Does the Solution provide the ability to process a Department of Motor Vehicle (DMV) Out-of-State Notice, received through the integration with DMV? Please describe.	F	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-427)	Yes	Supplier will ensure its SVRS fulfills the Requirement. For the Commonwealth of Virginia, Team Canton modifies SVRS to integrate with VA DMV to receive Out-of-State Notices, voters who are matches with the DMV data are sent two cancellation notices. One to the new forwarding address and another to previous address (LM-9.5.1.1.7). The "Future" selection was to indicate the integration functionality needs to be modified/configured during implementation. Our Data Integration Services will be configured to ingest Department of Motor Vehicle (DMV) Out-of-State Notice files. The Business Rules and Validations to transform and process data and to trigger pre-defined notices will be created. The Canton Group will meet VA ELECT requirements prior to GoLive. The Canton Group will conduct Fit-GAP analysis from the current design and implement the appropriate solution to meet Virginia needs. "FUTURE" is the indication of the need to perform Fit-GAP during implementation. The solution will be configured to meet the criteria of the Requirement.

LM-9.5.2		Registration Confirmation, On-demand and Undeliverable Mail	Does the Solution support the generation of confirmation correspondences on demand, to voters whose correspondences have been returned undeliverable? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Staff can process incoming undeliverable notices in bulk or individually either manually or using scanned barcode (CAR-8.1.7, LM-9.5.2.3). As shown in Figure 39: Alternative confirmation mailing, staff can print label for alternative confirmation mailing on-demand from voter record or send to print queue for later (LM-9.5.2, LM-9.5.2.1). The solution set triggers to generate notifications for undeliverables. Undeliverables release a non-forwardable mail for a forwardable piece of mail to be sent back for validation. Will set up the correct language to be used with Elect.
LM-9.5.2.1	S	Designate Voters for Confirmation Mailing	Does the Solution support the designation of voters for confirmation mailing when their correspondences have been returned undeliverable? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-428)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS can be configured to automatically queue notice type based on move type such as a) In-Locality Move b) Out of Locality Move c) Out of Commonwealth Moves d) Move found but no forwarding e) Undeliverable address. The system allows for mass mailing that is non-forwardable to generate a forwardable mail. The triggers for when a notification are sent/mailed out will need to be set. The solution will be configured to meet the criteria of the Requirement.
LM-9.5.2.2	S	Export of Confirmation Mailing	Does the Solution support the export of voters who are to receive a confirmation mailing, including mailing addresses, the date the confirmation was mailed, and associated metadata? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-428.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 40: Export Alternative Mailing Notice below, Staff has option to export the mailing data for a third-party mailer (LM-9.5.2.2). The export can be found into 2 locations: 1) confirmation from election and 2) the notification module. And print can be based on template or extract the data elements needed from the UI.
LM-9.5.2.3	S	Notice Returned Undeliverable	Does the Solution support recording the undeliverable return of confirmation notices, either individually, or in bulk? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-428.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Staff can process incoming undeliverable notices in bulk by using Scan Batches service or individually by using Quick Voter Search (LM-9.5.2.3). The solution offers an out of box configuration or Elect has the option to configure to meet its needs long term. The solution captures the metadata elements (metrics) to be processed to data analytics maintenance which is maintained. In UI, the user can select data elements to be shown in a report. These reports can be in a point in time. The solution will be configured to meet the criteria of the Requirement.
LM-9.5.2.4		Notice Returned Completed	Does the Solution support processing completed confirmation correspondences, where such correspondences are processed similarly to voter registration forms? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-428.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Staff can scan the completed confirmation notices returned from voter into the voter registration processing queue and process them similar to any voter registration form. As shown in Figure 38: Voter Documents Scanned Batch below, the voter registration queue can accommodate various types of return notices. (LM-9.5.2.4)
LM-9.5.3	F	National Voter Registration Act (NVRA) Status	Does the Solution support the tracking of each voter's status in regards to list maintenance procedures allowed by the National Voter Registration Act (NVRA)? Please describe.	Y	NVRA	Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement CAR-8.5.4 The solution captures meta data coming into the system for metrics analysis. There is a report with an option to select by month for these metrics. If additional statistics are needed, Elect will have the ability to configure.
LM-9.5.4	S	Reactivation of Voter	Does the Solution support the capability to reactivate voters who perform qualifying voter activity? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-428.2)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS workflow engine is configured to automatically update the voter record based on both activity or lack of activity of the voter within a qualified time. Here are examples of scenarios where voter is activated automatically (LM-9.5.4) – <ul style="list-style-type: none"> • Voted in an election • Responded to a notice • Signed a petition • Updated the registration via Citizen Portal
LM-9.5.5	S	Process Locality Transfers	Does the Solution support transferring a voter to another locality, and notify the losing locality of the transfer? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-428)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS Messaging Service supports notification between localities and ELECT. Notifications are flagged as those that require response from locality versus informational only. Notifications are used to communicate list maintenance process such as matches (e.g., Felon, deceased, NCOA, DMV), merges, and voter moves. All counties affected by the voter move or merge are sent notifications. Typically, we have automated the localities response to voter move out and voter merges. (LM-9.5.5, LM-9.5.5.1). The solution will be configured to meet the criteria of the Requirement.
LM-9.5.5.1		Acknowledgement of Locality Transfers	Does the Solution support the capability to request acknowledgement of the transfer from the losing locality? Please describe..	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-428)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement LM-9.5.5. The solution will be configured to meet the criteria of the Requirement.
LM-9.6							
Removing Voters Under Law							
LM-9.6.1	F	National Voter Registration Act (NVRA) Cancellation	Does the Solution support the National Voter Registration Act (NVRA) cancellation of voters who were placed into inactive status at least 90-days prior to the general election, and had no qualifying voter activity after two federal elections? Please describe.	Y	NVRA	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS Mass Update Service provides capability for locality staff to run a job and get a list of voters who are currently inactive and has not participated in at-least two federal elections. They can bulk update the status of the voter to cancelled with the reason of 'Inactive – not voted in two federal elections. These voters are automatically queued for cancellation notice. (LM-9.6.1)

LM-9.6.2	S	Out of Commonwealth Moves	Does the Solution support receiving reports that the voter has moved outside the Commonwealth? Please describe.			Yes	<p>Supplier will ensure its SVRS fulfills the Requirement. SVRS provides Data Integration Services design architecture that supports both real-time and batch data processing of change of address information from multiple data sources such as NCOA, DMV, and ERIC. SVRS supports algorithm based matching and geo-data to determine voters who moved within locality, within state, within commonwealth, outside of commonwealth. ELECT and locality can configure custom notices to be auto-generated based on move type. For example, two type of notices per voter shall be auto generated one for the new address and the other for old address when voter is determined to have moved out. (LM-9.6.2).</p> <p>Team Canton configures a data-pipeline for processing reports specific to Commonwealth of Virginia. If the "receipt of reports" is referring to imported data file sources, then our Data Integration Services would be configured to ingest NCOA, DMV, and ERIC files. The Business Rules and Validations to transform and process this data and to automatically trigger any requisite notices would need to be created.</p> <p>If the "receipt of reports" is referring to scanning/upload of a printed/PDF report received from external agencies, then a new screen would allow users to capture Voter Moved information so that Business Rules and Validations can be applied and to trigger pre-defined notices or workflows would need to be created.</p> <p>The Canton Group will meet VA ELECT requirements prior to GoLive. The Canton Group will conduct Fit-GAP analysis from the current design and implement the appropriate solution to meet Virginia needs. "PARTIAL" is the indication of the need to perform Fit-GAP during implementation. The solution will be configured to meet the criteria of the Requirement.</p>	
LM-9.6.3	S	Cancellation By Request	Does the Solution support cancelling the voter registration when requested by the voter? Please describe.		P	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-404.4)	Yes	<p>Supplier will ensure its SVRS fulfills the Requirement. Staff can cancel the voter on SVRS after they scan and attach the cancellation request form to the voter record. As shown in Figure 41: Cancellation request form document Information below, SVRS captures document metadata including receive data and description to include if document was notarized.</p>
LM-9.6.3.1		Cancellation Request Form	Does the Solution provide the ability to record the details of a cancellation request form, including when it was received, and if it was notarized? Please describe.	Y		Code of Virginia - TITLE 24.2, Chapter 4 (24.2-427)	Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement LM-9.6.3.
LM-9.6.4	S	Cancellation of Non-citizens	Does the Solution support procedures for confirmation of the citizenship of voters? Please describe.	Y			Yes	<p>Supplier will ensure its SVRS fulfills the Requirement. As explained in responses to requirements LM-9.3 Eligibility Prequalification, SVRS' Partner Data Integration Services supports batch (File) ingestion of non-citizen data from Department of Motor Vehicles (DMV). A master data of the non-citizen records thus ingested are maintained within SVRS for matching, audits, analysis, and reporting. (EI-13.2.1). SVRS provides a data entry screen to manually add or remove non-citizen records. SVRS' offers non-Citizen ***** Service Agent which is an accurate, fast, and reliable matching solution driven by machine learning models.</p> <p>For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Non-Citizenship Check. The solution will be configured to meet the criteria of the Requirement.</p>
LM-9.6.4.1	S	Non-citizen Data Sources	Does the Solution support the ingestion of data sources authorized by ELECT for confirmation of citizenship of voters? Please describe.	P		Code of Virginia - TITLE 24.2, Chapter 4 (24.2-410.1)	Yes	<p>Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement LM-9.6.4.1</p> <p>There is going to be some additional work associated to Commonwealth of Virginia specific effort related to non-Citizen ***** Service Agent. The solution will be configured to meet the Requirement.</p>
LM-9.6.4.2	S	Non-citizen Correspondences	Does the Solution generate citizenship confirmation correspondences to voters identified by authorized data sources that they may not be citizens of the United States? Please describe.	Y		Code of Virginia - TITLE 24.2, Chapter 4 (24.2-404)	Yes	<p>Supplier will ensure its SVRS fulfills the Requirement. ELECT can configure citizenship confirmation correspondence type on Notice Service. SVRS workflow engine automatically queues the notice as voter is flagged as not to be citizens of United States. Staff can periodically print them off from print queue.</p> <p>For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Notice Service. The solution will be configured to meet the criteria of the Requirement.</p>
LM-9.6.4.3	S	Non-citizenship Timer	Does the Solution provide the ability to automatically cancel voters upon a certain elapsed time, after which an eligibility notice has been mailed, and no contact has been established with the voter? Please describe.	Y		Code of Virginia - TITLE 24.2, Chapter 4 (24.2-427)	Yes	<p>Supplier will ensure its SVRS fulfills the Requirement. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 10: Notice Response Rules, ELECT can determine how many days to wait for voter's response. If voter fails to respond what status to move the voter to. The solution will be configured to meet the criteria of the Requirement.</p>
LM-9.6.5	S	Cancellation of Felons	Does the Solution provide the ability to cancel voters who have been identified by authorized data sources as having been convicted of a felony and have not since been restored? Please describe.	Y		Code of Virginia - TITLE 24.2, Chapter 4 (24.2-427)	Yes	<p>Supplier will ensure its SVRS fulfills the Requirement. As explained in responses to requirements LM-9.3 Eligibility Prequalification, SVRS Partner Data Integration Services ingests felon data from Virginia State Police (VSP) and maintains a master data of ineligible voters due to felony and who have not since been restored. Staff can also manually add or edit felon master data. SVRS' offers Felon ***** Service Agent which is an accurate, fast, and reliable matching solution driven by machine learning models.</p> <p>For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Felon Check.</p>
LM-9.6.6	S	Cancellation of Adjudicated Incapacitated	Does the Solution provide the ability to cancel voters who have been identified by authorized data sources as having been adjudicated incapacitated for voting purposes, and have not since been restored? Please describe.	Y		Code of Virginia - TITLE 24.2, Chapter 4 (24.2-427)	Yes	<p>Supplier will ensure its SVRS fulfills the Requirement. As explained in responses to requirements LM-9.3 Eligibility Prequalification, SVRS Partner Data Integration Services ingests adjudicated incapacitated data from Courts and maintains a master data of ineligible voters due to adjudicated incapacitated and who have not since been restored. Staff can also manually add or edit adjudicated incapacitated master data. SVRS' offers Adjudicated Incapacitated ***** Service Agent which is an accurate, fast, and reliable matching solution driven by machine learning models.</p> <p>For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Adjudicated Incapacitated Check.</p> <p>Based on our experience, the data from Courts are not as standardized as say deceased and felon thus might require more effort with Data Transformation thus marking this as Partial. The solution will be configured to meet the criteria of the Requirement.</p>
				P		Code of Virginia - TITLE 24.2, Chapter 4 (24.2-427)		

LM-9.6.7	S	Cancellation of Deceased	Does the Solution provide the ability to cancel voters who have been identified by authorized data sources as having died? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-404.3)	Yes	Supplier will ensure its SVRS fulfills the Requirement. As explained in responses to requirements LM-9.3 Eligibility Prequalification, SVRS Partner Data Integration Services ingests deceased data from Bureau of Vital Statistics (BVS) and maintains a master data of ineligible voters due to deceased. Staff can also manually add or edit deceased master data. SVRS' offers Deceased ***** Service Agent which is an accurate, fast, and reliable matching solution driven by machine learning models. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Deceased Check.
LM-9.6.7.1		Deceased Information	Does the Solution provide the ability to record information about a deceased voter including the date of death, the source from which the registrar learned of the death, and the date the cancellation was effective? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS offers option for staff to automatically cancel a voter using Deceased ***** Service Agent or manually cancel based on obituaries. SVRS captures the voter status ('Cancelled'), Status Reason ('deceased'), Status effective date, Source of information, and Death Date.
LM-9.6.8	S	Notice of Cancellation	Does the Solution provide the ability to generate cancellation notices to voters who have been removed from the voter registration list, for example: for felon, for mentally incapacitated, non-citizen, personal request, moved out of state, and upon voter's death, etc.? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-427)	Yes	Supplier will ensure its SVRS fulfills the Requirement. ELECT can configure Commonwealth of Virginia specific notice types on Notice Service. SVRS workflow engine automatically queues the notice as voter is flagged as ineligible for felon, for mentally incapacitated, non-citizen, personal request, moved out of state, and upon voter's death, etc. Staff can periodically print them off from print queue. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Notice Service.
LM-9.6.9	S	Lists of Cancelled Voters	Does the Solution provide the ability to produce lists of voters who were cancelled pursuant to the National Voter Registration Act (NVRA) program? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-428)	Yes	Supplier will ensure its SVRS fulfills the Requirement. As part of EVAS report, SVRS Election Analytics provides voters who were cancelled within a period based on the provisions of NVRA Act program. (LM-9.6.9). Please also refer to explanation for requirement CAR-8.5.4 The solution offers a data warehouse to access data so the queries are based on business needs not technical.
LM-9.7		List Maintenance Calendar Restrictions					
LM-9.7.1	F, S	List Maintenance Restrictions During Configurable Time Periods	Does the Solution provide the ability to prevent list maintenance activities during configurable time periods in order to comply with Virginia law? Please describe.	F	NVRA Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. For the Commonwealth of Virginia, Team Canton will configure additional restrictions to the List Maintenance based on time periods in order to comply with Virginia Law. These examples of the restrictions include to add a pause to the job for processing NCOA, ERIC, DMV Out-of-State, and so on during this pause period configurable by ELECT. (LM-9.7.1). The solution will be configured to meet the criteria of the Requirement.
LM-9.8		List Maintenance Reports					
LM-9.8.1	S	List Maintenance Reporting	Does the Solution support List Maintenance Reporting? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-428)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS Election Analytics offers ELECT and Locality both ad-hoc queries and advanced analytics option to produce custom reports such as - <ul style="list-style-type: none"> • Pending list maintenance activities past a user specified age • List of list maintenance activities completed within a specified range and user • Performance assessment of ***** algorithms SVRS sufficiently supports ELECT's list maintenance reporting needs. (LM-9.8.1) The solution will be configured to meet the criteria of the Requirement.

"Official" RFP #'s	Federal, State, Regulatory	ELECT Specification Title	Requirement	Implementation Status Yes (Y) Partial (P) Future (F) No (N)	Reference links to fulfill the listed requirement. The links to any Federal, State or Regulatory requirements are provided for the Supplier to reference and review to ensure compliance.	ELECT Must Have	ELECT Proposed Final Contract language/remaining questions/clarifications
Security (5)							
COV SEC-15.1	F, S, R	Enterprise Security					
COV SEC-15.1.1	S	Enterprise Security	Does the Solution comply with all provisions of the current Commonwealth of Virginia (COV) Information Technology Resource Management (ITRM) Policies, Standards and Security Procedures, as applicable.	Y	COVA EA ITRM Policies and Standards	Yes	SVRS is architected and designed to be eventually compliant with Federal, State, and Local Enterprise Architectures, in this case the COV Enterprise Architecture. Here are the highlights (not exhaustive list) of SVRS design principles and architecture patterns that follows COV ITRM Policies, Standards and Security Procedures: <ul style="list-style-type: none"> SVRS is developed based on recommended best practices for software development, data modeling, business process flows, Service Oriented Architecture, and Cloud based infrastructure. SVRS can be seen as an interoperable collection of services with each one of them following the same architecture pattern, code and data standards. We use Gov cloud infrastructure with NIST SP 800 53 R4 compliant security policies. SVRS complies with the current COV ITRM Policies, Standards and Security Procedures, as applicable. The firm will work with Elect on which specific standards the application needs to be compliant with.
COV SEC-15.2	F, S, R	Commonwealth					
COV SEC-15.2.1	S	COV Security Compliance	Does your solution comply with all current COV ITRM Security Policies and Standards, as applicable? If yes, please describe how this is achieved? If no, please provide details that specify the Standard/Policy and how solution does not comply?	Y	COVA Security Policies, Standards and Guidelines	Yes	Security properties of software are dynamic and static. Static security properties are those that can be tested during development time. Dynamic properties are mostly emergent properties that can be measured at run time. SVRS hosted on Azure Cloud is NIST SP 800 53 R4 compliant, as verified through **** guidelines and verification reports. We fix all the vulnerabilities as recommended by NIST SP 800 53 R4. We perform scheduled third-party security penetration and static test to make sure we are in compliance with Security Policies. Team Canton has worked with COV ITRM Security Policies Standards on other occasions as a Cyber Warfare Officer conducting Pen Testing, Vulnerability Assessments and Governance for the Commonwealth. Team Canton is confident, SVRS will be compliant with COV ITRM Security Policies and Standards.
COV SEC-15.2.2	S	COV EA Compliance	Does your solution comply with all current COV Enterprise Architecture ITRM Policies and Standards, as applicable? If yes, please describe how this is achieved? If no, please provide details that specify the Standard/Policy and how solution does not comply?	Y	COVA EA ITRM Policies and Standards	Yes	As we mentioned in section SEC-15.1, SVRS is architected and designed to be eventually compliant with Federal, State, and Local Enterprise Architectures, in this case the COV Enterprise Architecture. Here are the highlights (not exhaustive list) of SVRS design principles and architecture patterns that follows COV Enterprise Architecture ITRM Policies and Standards: <ul style="list-style-type: none"> We use best practices of DevSecOps to build and manage SVRS SDLC including CI/CD and operations. The solution follows the Reactive Architecture, an architecture for building service-oriented applications that are scalable, resilient and built as decoupled microservices that communicate with each other via messaging. We use Domain Driven Design (DDD) development. Business (Functional) Architecture (EBA) is defined as Domains. DDD allows us to decompose the domain in sub domains and design them one at a time as decoupled components. Each one of these components define an Object Model and they communicate with each other using messaging. Our Information Architecture (EIA) allows us to define how messages and information flow horizontally among components (services) and how they flow vertically to the data layer for persistence or reads. The information security is also defined in this stage. We define how the data is secured in flight and at rest. Secure protocols and encryption algorithm, and masking hashes are determined. We standardize our data model, and use our External Interfaces / Integration Service to manage data format transformations. Our Solution Architecture (ESA) deals with components that interact with the custom application such as GIS, Data Lake, External Interfaces, Messaging Services, Jobs schedulers, etc. We determine what is the best tool or component to use to achieve the best solution for the system. This Architecture also provides a high level view of the solution mentioning the Enterprise Business Architecture, Enterprise Technical Architecture and Enterprise Information Architecture. Our Enterprise Technical Architecture (ETA) defines the different architectural views: systems view (layered architecture showing the presentation, API, Business and Information in detail including the software and components used to build each view), information view (shows the Object relation Model - ORM, the transactional database, replica database for reporting and data analytics , data warehousing and the data lake, policies for data governance, data lineage, data standards, data sharing) and infrastructure view (design and all the resources such as containers, orchestrators, API Gateways, Firewalls, the Virtual Networks and the ports and IP addresses defined in the Aure subscription), having the security architecture across these views. It also defines the Business Continuity / Data Recover plan. We maintain the software and tools catalog with the current version, end of life dates so we can upgrade them on time before they represent a risk to the solution. Privacy, security, confidentiality and statuses are also defined in this ETA.
COV SEC-15.2.3	S	COV EA Data Standards	Do your proposed interfaces to Commonwealth systems comply with or have approved exceptions to all applicable Commonwealth Data Standards? If yes, please describe how this is achieved? If no, please explain?	Y	COVA EA Data Standards	Yes	Our External Integration Microservice (component) allows for a flexible, configurable multi-protocol and multi data format exchange. We can accept any type of data format and transform our internal format into any other external data format such as XML, JSON, HL7, CSV, Fix Length, etc. At the protocol level, we accept SOAP, REST, FTP, Queue protocols as specified in the COVA EA Data Standard. Our transformations module can be defined to generate and parse any enterprise data standards such as: Enterprise Data Management Person Core Matching. We can map these to our internal data model while executing the integration with other systems. (COV SEC-15.2.3).
COV SEC-15.2.4	S, F	COV IT Accessibility and Website Standards	Does your solution provide effective, interactive control and use with the IT Accessibility and Website Standards? Please describe. If yes, please describe how this functionality is achieved? If no, does the solution/application/product provide alternate accessibility functionality? Please describe	Y	COVA IT Accessibility and Website Standards	Yes	Our flexible, configurable and easy to maintain solution supports, with minimal effort, changes to the UI layout to meet the inclusion of Commonwealth banner where needed. Our web browser presentation layer is designed around a User Centric Approach (intuitive, easy to use, accessible to all users). We used Domain Driven Design, a methodology where one of the principles of the design is based on the user language helps us avoid technical terms but use more functional user terms. The system shows the user what is the status of their requests or processes. The user is always in control of the process and knows exactly where he/she is. Our design focus in having minimal collateral effects (errors and exceptions) we use "defensive programming" to handle potential errors and minimize the error results traveling to the user. If that is the case, we word the errors with functional error messages rather than technical descriptions. Our UI design is standard and contains only information to what is relevant to the module in which the user is working on. Will need to look at Elect's general website standards. The goal is to try to create a user friendly interface. The solution is ADA compliance and provides multiple languages for external website.

"Official" RFP #'s	Federal, State, Regulatory	ELECT Specification Title	Requirement	Implementation Status Yes (Y) Partial (P) Future (F) No (N)	Reference links to fulfill the listed requirement. <i>The links to any Federal, State or Regulatory requirements are provided for the Supplier to reference and review to ensure compliance.</i>	ELECT Must Have	ELECT Proposed Final Contract language/remaining questions/clarifications
Online Citizen Portal (27)							
OCP-10.1	F, S, R	Online Citizen Portal General Considerations					
OCP-10.1.1	F, S	Online Citizen Portal URL	Does the Solution provide an Online Citizen Portal that is browser-based and supported by the various industry standard browsers, including, but not limited to, Chrome, Safari, Firefox? Please describe.	Y	WCAG Standards Code of Virginia - TITLE 24.2, Chapter 4 (24.2-416.7) Code of Virginia- TITLE 24.2, Chapter 1 (24.2-105.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS Online Citizen Portal Solution is a modern web and mobile friendly for citizen to securely register to vote, lookup voter information, submit absentee request application, and print voter card. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Citizen Portal General Considerations.
OCP-10.1.2	F	Online Citizen Portal with Multiple Language Capability	Does the Solution provide an Online Citizen Portal that offers information in multiple languages, including, but not limited to, English, Korean, Spanish, Vietnamese? Please describe.	Y	Voting Rights Act (VRA)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS as implemented in State of Maryland provides multi-language support. Currently it supports English and Spanish however support for additional language is a configuration. Team Canton works with the ELECT's translation vendor to receive and import translated text equivalent to English. Once the new language file is published, it is accessible to the user. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Citizen Portal General Considerations. The solution has the ability to support multiple languages. The system is scalable. The Supplier would rely on a 3rd party to provide translation for the languages that are not currently in the system.
OCP-10.1.3		Online Citizen Portal Accessibility and Optimization	Does the Solution support secure internet access and optimization of the Online Citizen Portal (search engine optimized (SEO)) for web and mobile functionality? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS is built on reactive design so it scales up and down to different mobile phones. Team Canton works with ELECT to ensure the citizen portal is optimized for search engines and ranked on top for key words associated to voter registration within Commonwealth of Virginia. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Citizen Portal General Considerations.
OCP-10.1.4		Online Citizen Portal Adaptability to Changes in Elections Regulations	As changes occur to Federal and Virginia specific rules and regulations, does the Solution support changes to the Online Citizen Portal through configuration? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. When Election Regulations changes, they may require updates to Online Citizen Portal, these updates can be anywhere from revision of displayed text, adding new feature, or changing the workflow. SVRS solution can handle these with our flexible system design such as displayed texts are configurable attributes, features are modular so changes minimally impacts other components, and rules behind the workflow are centralized, reused, and easy to manage. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Citizen Portal General Considerations.
OCP-10.1.5	F	Online Citizen Portal User-Centered Design	Does the Solution for the Online Citizen Portal adhere to industry best practices for a user-centered design? Please describe.	Y	ISO Standard	Yes	Supplier will ensure its SVRS fulfills the Requirement. We understand various user groups including ELECT, locality, voter advocacies, and other state agencies (e.g., governor's office) can potentially influence the design of the Online Citizen Portal. The input from the user groups is not always available before the start of the design. Our design methodology is iterative and flexible to incorporate feedback throughout the process. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Citizen Portal General Considerations.
OCP-10.1.6		Employ Voter Friendly Language and Terms	Does the Solution for the Online Citizen Portal use voter-friendly language and terms and avoid technical elections terms? For example, it should not tell voters that their online voter registration application is "marked." Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The display texts within Online Citizen Portal are configurable attributes so can be updated with input from ELECT. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Citizen Portal General Considerations.
OCP-10.1.7	F	Online Citizen Portal Design Compliance with Americans with Disabilities Act (ADA) 508	Is the Solution for the Online Citizen Portal design fully compliant with Americans with Disabilities Act (ADA) website and mobile accessibility requirements, as an example, for voters with visual impairment and print disabilities? Please describe.	Y	ADA 508 WCAG Standards	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS meets the WACG 2.0 and ADA section 508. Our developers are equipped with the compliance checkers so they validate the work from the design through deployment. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Citizen Portal General Considerations.
OCP-10.1.8		Request or Print Voter Card, Notices	Does the Solution for the Online Citizen Portal provide the capability for the voter to request or generate their voter card/voter information notice? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in Supplier's Supplemental Word Document to Attachment A.docx Figure 43: Online Citizen Portal - Print Voter Card , voter can print voter card from the voter look up screen. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Citizen Portal General Considerations.
OCP-10.2	F, S, R	Online Portal Voter Registration					
OCP-10.2.1	S	Online Voter Registration Applications Submission	Does the Solution allow eligible Virginia residents, not registered, to submit online voter registration applications through the Online Citizen Portal Application? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-416.7) Code of Virginia - TITLE 24.2, Chapter 4 (24.2-418)	Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 44: OLVR Voter Type, Figure 45: OLVR Voter Instructions Page, Figure 46: OLVR Step 1, and Figure 47: OLVR Step 2, OLVR solution offers a wizard style online form that takes the user step-by-step to successful fill out both voter registration application and absentee ballot application. (OCP-10.2, OCP-10.3). For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Portal Voter Registration.
OCP-10.2.2		Update Registration Record	Does the Solution for the Online Citizen Portal allow registered Virginia voters to update their registration record through the Online Citizen Portal Application? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-701)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS OLVR solution minimizes duplicate registration by checking for any existing voter registrations using the Name, Birthdate, SSN4, and DMV Number received in the first two steps of the process. When an existing voter registration is found, SVRS provides a message to user that a previous registration was found and populates with the recent information on voter file. User can review and update the registration. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Portal Voter Registration.

OCP-10.2.3	F	Multiple Language for Online Voter Registration Applications	Does the Solution for the Online Citizen Portal support multiple/non-Latin alphabet-based languages for online voter registration applications, including but not limited to Spanish, Vietnamese, and Korean? Please describe.	Y	Language Voting Rights	Yes	Supplier will ensure its SVRS fulfills the Requirement. Currently, OLVR as implemented in State of Maryland supports multiple languages including English and Spanish. However, OLVR is designed to support more than those two languages. Team Canton imports the translation text received from translation vendors to enable support of additional languages and text. (OCP-10.2.3). For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Portal Voter Registration.
OCP-10.2.4	S	Registration by Voters with Visual Impairments and Print Disabilities	Does the Solution provide the capability for voters with visual impairment and print disabilities to register to vote, update, their registration, etc? Please describe.	Y	New Virginia Legislation - 2021 Session	Yes	Supplier will ensure its SVRS fulfills the Requirement. OLVR as implemented in State of Maryland is WCAG 2.0 compliant that means voters with visual impairments and print disabilities can use common screen readers to complete the voter registration. (OCP-10.2.4)
OCP-10.2.5		Online Voter Registration Application Check for Locality	Does the Solution for the Online Citizen Portal check and auto-populate applicant's locality based on valid residence address? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. In step 3 of OLVR, when user enters the residential address SVRS calls the GIS service to validate against known addresses within the locality. When address match is found then address is standardized, precinct, precinct-split, and locality are assigned. When address is not found, user can proceed to continue with non-standard residential address and manually choose the locality. Additionally, for VA, we can prepopulate residential address with address received from DMV. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Portal Voter Registration.
OCP-10.2.6		Duplicate Online Voter Registration Application Check and Confirmation to Voter	Does the Solution for the Online Citizen Portal check and prevent submission of duplicate online voter registration applications and provide a message to the voter to confirm: 1) their previous application has been received or 2) the voter is currently registered, and with no new information submitted, they do not need to update or submit their application again? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement OCP-10.2.2 The solution has a check in place to prevent submitting a duplicate registration application. The solution provides a message to the user that a previous registration was found. At the end of final step, the system provides the user with a receipt that includes the confirmation message, an affidavit number, and the date and time of submission.
OCP-10.2.7		Confirmation Message Upon Submission	Does the Solution for the Online Citizen Portal provide a registrant with a confirmation message that includes a transaction number with date and time of submission, upon successful submission of an online voter registration application? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. At the end of final step of OLVR, SVRS provides the user with a receipt that includes the confirmation message, an affidavit number, and the date and time of submission. User can print this receipt. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Portal Voter Registration.
OCP-10.2.8		Save Partially Complete Online Voter Registration Application	Does the Solution for the Online Citizen Portal allow a registrant to save a partially complete online voter registration application? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As user progresses through the OLVR steps, the partially completed application is saved. Partially completed application that is abandoned are saved in the online application logs for audits. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Portal Voter Registration.
OCP-10.2.9	F	Uniformed and Overseas Citizens Absentee Voting Act (UOCAVA) Ballot Preference	Does the Solution for the Online Citizen Portal allow an Uniformed and Overseas Citizens Absentee Voting Act (UOCAVA) applicant to be able to choose whether they want their ballot emailed, mailed, or faxed to them? Please describe.	Y	UOCAVA	Yes	Supplier will ensure its SVRS fulfills the Requirement. On step 9 Mail-in Request, a UOCAVA voter, completes the ballot delivery preference between mail, email, and fax. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Portal Voter Registration.
OCP-10.3	F, S, R	Online Absentee Ballot Application					
OCP-10.3.1	S	Online Absentee Ballot Application Submission	Does the Solution for the Online Citizen Portal allow voters to submit online absentee ballot applications through the Online Citizen Portal compliant with Federal and Virginia rules and regulations, relating to the inclusion of Federal Post Card Application (FPCA), SBE-701, and SBE-703.1 forms and the exclusion of Federal Write-In Absentee Ballot (FWAB) and SBE-703.2, 705, 705.1-705.2, and National/State Emergency applications? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7	Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 44: OLVR Voter Type, Figure 45: OLVR Voter Instructions Page, Figure 46: OLVR Step 1, and Figure 47: OLVR Step 2, OLVR solution offers a wizard style online form that takes the user step-by-step to successful fill out both voter registration application and absentee ballot application. (OCP-10.2, OCP-10.3). Team Canton ensure the Online Absentee Ballot request process is compliant with Federal and Virginia rules and regulations. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Portal Voter Registration.
OCP-10.3.2		Department of Motor Vehicles (DMV) Address	Does the Solution for the Online Citizen Portal default the applicant's residence address on the application to the address from the Department of Motor Vehicles (DMV)? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. In step 3 of OLVR, when user enters the residential address SVRS calls the GIS service to validate against known addresses within the locality. When address match is found then address is standardized, precinct, precinct-split, and locality are assigned. When address is not found, user can proceed to continue with non-standard residential address and manually choose the locality. Additionally, for VA, we can prepopulate residential address with address received from DMV. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Portal Voter Registration. The solution will be configured to meet the criteria of the Requirement.
OCP-10.3.3		Notify Voter When Absentee Ballot Application Already Submitted	Does the Solution for the Online Citizen Portal provide a notification message to a registrant when an absentee ballot application has already been submitted for a specific election? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. On step 9 Mail-in Request, user can review the status of their absentee ballot application along with election name, application status, and received date. If voter is not already an absentee for an upcoming election, the regular user (non-UOCAVA) completes the absentee request including absentee type such as one-time (select an upcoming election) or annual absentee, primary election party ballot preference, and indicate if they need assistance with ballot and type of assistance. UOCAVA user, can fill out the ballot preference between mail, email, and fax. User can check the status of the absentee ballot for an election along with when ballot was received. User, who is an absentee voter but not yet voted in an upcoming election, can request a replacement ballot after providing a valid reason. Team Canton ensure the Online Absentee Ballot request process is compliant with Federal and Virginia rules and regulations. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Online Portal Voter Registration. For Absentee Ballots, the solution has a check in place to prevent submitting a duplicate registration application. The solution provides a message to the user that a previous registration was found. A user can check the status of the absentee ballot for an election along with when the ballot was received.
OCP-10.3.4		Absentee Ballot Application Processed	Does the Solution for the Online Citizen Portal show the election name, application status, and application received date after the absentee ballot application is processed? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement OCP-10.3.3. The solution will show the received date, current status, and specific voter address.

OCP-10.3.5		Absentee Ballot Application Approved	Does the Solution for the Online Citizen Portal show the election name, the ballot was issued, and the date the ballot was received, once the absentee ballot application is approved? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement OCP-10.3.3. The solution will show the history of all absentee ballots of the voter. The history shows the date received of the ballot, return date, and status of the ballot.
OCP-10.4	F, S, R	Voter History					
OCP-10.4.1		View Voter History	Does the Solution for the Online Citizen Portal allow registered voters to view their voter history through the Online Citizen Portal? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 50: OLVI Voting History, SVRS OLVI displays voting history for the past elections the voter voted in. (OCP-10.4.1). For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Look up Voter Information.
OCP-10.5	F, S, R	Voter Polling Place and District					
OCP-10.5.1		View Voter Voting Locations and District	Does the Solution for the Online Citizen Portal allow registered voters to view their voting locations and district information through the Online Citizen Portal? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 51: OLVI Voting Center and Figure 52: OLVI Voting Districts, SVRS OLVI displays the voter's voting location and district information. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Look up Voter Information.
OCP-10.6	F, S, R	Party Affiliation of Voter					
OCP-10.6.1	S	Party Affiliation of Voter	Does the Solution provide the capability to record, maintain, store, and display party affiliation for a voter, and make this information publicly available? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in Supplier's Supplemental Word Document to Attachment A.docx, Figure 49: OLVR Voter Registration Record, SVRS OLVI displays voter's name, residential address, mailing address, party affiliation, and most recent registration date. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Look up Voter Information.
OCP-10.7	F, S, R	Federal and Commonwealth Election Forms					
OCP-10.7.1		View and Download Voter Federal and Commonwealth Election Forms	Does the Solution for the Online Citizen Portal allow voters to search, view, and download Federal and Commonwealth Election Forms from the Online Citizen Portal? Please describe.	F		Yes	Supplier will ensure its SVRS fulfills the Requirement. Team Canton adds additional section to SVRS OLVI to download Federal and Commonwealth Election Forms. The solution will be configured to meet the criteria of the Requirement.
OCP-10.8	F, S, R	What is on Your Ballot?					
OCP-10.8.1		View What is on Your Ballot?	Does the Solution for the Online Citizen Portal allow voters to view what is on their ballot through the Online Citizen Portal? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Team Canton adds additional section to SVRS OLVI to view electronic sample ballot for a voter. The backend functionality already exists to get the what is on a ballot style, the enhancement is to make this available on OLVI. The solution will be configure to meet the criteria of the Requirement.

"Official" RFP #s	Federal, State, Regulatory	ELECT Specification Title	Requirement	Implementation Status Yes (Y) Partial (P) Future (F) No (N)	Reference links to fulfill the listed requirement. The links to any Federal, State or Regulatory requirements are provided for the Supplier to reference and review to ensure compliance.	ELECT Must Have	ELECT Proposed Final Contract language/remaining questions/clarifications
Security (29)							
SEC-11.1	F, S, R	Maintenance of User Accounts					
SEC-11.1.1		User Search and Filter	Does the Solution provide the authorized user with the capability to search and filter for a user using a single criteria, multiple criteria, and partial match, including fuzzy search, providing results with not only exact matches, but also derivatives of the search term? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS encapsulates user management in the security micro service. This component's only responsibility is to provide search, filter, add new users, edit existing users, authentication, role-based authorization, Jurisdiction management (State, County hierarchy and horizontal and vertical rules), session management, logs and audit records, login features. SVRS provides dynamic search for Admin to locate users by username, userid, names, roles, status (disabled/enabled), and combinations of them.(SEC-11.1.1) Please refer to Supplier's Supplemental Word Document to Attachment A.docx, Security, for our approach and description of how we designed and implemented Security across all the SDLC phases of the solution. This is truly a key differentiator.
SEC-11.1.2	S	Add a User	Does the Solution support requesting a new user account, adding a new user account or modification to an existing account? Please describe.	Y	SEC501	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS User Management Service provides the Admin with 'Add User' permission to add new user account or edit existing user account. The solution has a user management component. It allows for a user to be added and assign roles and create functional roles. The solution will be configured to meet the criteria of the Requirement.
SEC-11.1.3	S	Add User Permissions	Does the Solution provide the authorized user with the capability to add a user and assign permissions or roles to that user? Please describe.	Y	SEC501	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS User Management Service provides the user with Add Role permission to add new roles or edit existing roles. Roles are defined as set of permissions thus these roles can be County Admin, County Staff, Temp Employee, and so on.
SEC-11.1.3.1		Clone User	Does the Solution provide the authorized user with the capability to add a new user with the same set of permissions or roles as an existing user, to reduce the effort of manually adding permissions or roles to the new user, and promote uniformity? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The solution has the capability to clone a user so it can have the same roles and permissions as the original user to minimize the tasks of adding manually these permissions and promote uniformity. On the SVRS System Configuration: Users and Roles UI, from the list of users, a user with the right permissions can select the user to clone.
SEC-11.1.3.2	S	Edit User	Does the Solution provide the authorized user with the capability to modify user permissions or roles, while preventing the editing of a username? Please describe.	Y	SEC501	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS User Management Service provides the Admin with 'Add User' permission to add new user account or edit existing user account. The Admin cannot modify the username but can assign and unassign roles.
SEC-11.1.3.3	S	Super User Permissions	Does the Solution provide the authorized user with 'super-user' permissions to modify user permissions or roles, including changes to the username (i.e. maiden name change, etc.)? Please describe.	Y	SEC501	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS provisions 'super-user' with permission of 'Add Role', 'Add User', and 'Set Alias'. This super admin can manage roles and users including adding an alias username in place of existing username.
SEC-11.1.4	S	Account Impersonation	Does the Solution provide the authorized user with the capability to simulate a user's access by allowing the state, system, and support users to view the application, generating an audit trail while viewing or making modifications for the user? Please describe.	Y	SEC501	Yes	Supplier will ensure its SVRS fulfills the Requirement. The user architecture is based on a hierarchical multitenant model. In this hierarchy a state user with the appropriate privileges can access specific county information. The system generates the audits regardless of the user of the system. The system logs modifications performed by the state user in a county system and show them in the reports or the data analytics component visualizers. The solution offers roles jurisdiction hierarchy. The solution does not allow users to simulate what another user can do. The solution will be configured to meet the criteria of the Requirement.
SEC-11.1.5	S	Enable and Expire User	Does the Solution provide the authorized user with the capability to enable and disable user accounts, with an option to configure when the user account will automatically be disabled, on a specified date? Please describe.	Y	SEC501	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS User Management Service provides the Admin with 'Add User' permission to disable an user account immediately or set it to expire at specified date. The disable option locks the user out immediately while expire disables the account at the end of the specified date. The solution allows the ability to activate and deactivate users manually. A date can be set when a user is active and deactivated. The user management information is kept in data history. The system has a Microsoft 2 Factor Authentication and should be able to integrate with the Commonwealth's Okta interface. The solution will be configured to meet the criteria of the Requirement.
SEC-11.1.5.1	F	Automatically Expire Accounts	Does the Solution allow automatic expiration of accounts after a configurable number of days without logging into the system? Please describe.	Y	NIST Special Publication 800-53	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS User Management Service provides the Admin with 'Add User' permission to set it to expire after 'X' number of days where X is configurable. The expire option disables the account after 'X' days. Currently, the solution offers a day to day base. The solution will need to be configured to meet Elect requirements. The solution will be configured to meet the criteria of the Requirement.
SEC-11.1.5.2		Reactivate User Accounts During Election Timeframes	Does the Solution have the capability to reactivate previously disabled user accounts, i.e., to accommodate election workers who work only work during election timeframes? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The Admin user with 'Add User' permission can search and filter disabled user accounts. Then select 'enable' option to reactive them. Now, they can also set the account to automatically expired at a specified date or after 'X' number of days. This requirement is similar to SEC-11.1.5.1. The solution can be configurable to meet the requirement needs of Elect. The solution allows for soft delete users, but never fully deletes a user. The solution will be configured to meet the criteria of the Requirement.
SEC-11.1.6	F	Usernames	Does the Solution support unique usernames across active and disabled accounts and associate unique email addresses with each username? Please describe.	Y	NIST Special Publication 800-53	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS keeps usernames unique across active and inactive users, as well as email addresses across the Commonwealth. The system

				Y	508 Access and Guidelines and Standards Reference		validates the usernames and email addresses before submitting the add user request to the backend. The solution will be configured to meet the criteria of the Requirement.
SEC-11.1.7	S	Locality Association	Does the Solution provide the authorized user with the capability to simulate being a single locality or statewide user? Please describe.	Y	SEC501 SEC525	Yes	Supplier will ensure its SVRS fulfills the Requirement. User accounts are assigned to specific jurisdiction i.e., locality or statewide. A statewide user has read-only access to all statewide data. Locality user has full access to their locality data. SVRS offers a hierarchical multi-tenant and role-based access management architecture to protect and serve data and functions.
SEC-11.1.8		Access Request Filtered Work List	Does the Solution provide a filtered list of access request submissions with the ability to approve or deny each request? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS uses **** service to configure policies that allow users to submit access request for production and non-production environments. Admin can login to a secure portal to review access request then approve or deny access request submissions. The process to allow access to be granted will need to be implemented. Users are added to Active Directory and they can be added to Okta Enterprise if needed. When access has been granted, the user receives an email from the system administrator. The system administrator can grant specific privileges to a user that is based on roles. The solution will be configured to meet the criteria of the Requirement.
SEC-11.1.8.1	S	Access Request History	Does the Solution support the display of a history of access requests? Please describe.	Y	SEC501	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS uses the **** reports and Azure AD audit log to provide access to history of access request among other events.
SEC-11.1.9	S	Multiple Environments	Does the Solution support single sign-on for an authorized user to access a user's account in different solution instances and provide a visual indicator of which environment the user is logged into, to prevent accidental modification of production data? Please describe.	Y	SEC501 SEC525	Yes	Supplier will ensure its SVRS fulfills the Requirement. Our solution supports Single Sign On (SSO) using different protocols such as SAML Tokens, or OAuth. We use Azure Active Directory (AAD) service to delegate the authentication, and then we synchronize the application users with this AD to redirect the users to the landing page, bypassing the login window. The solution provides the environment and the version number of the deployed application in the footer of the Views. This allows the users to know what is their current environment to prevent them accidental modification of Production data. The solution provides a visual indicator of the current version. The solution keeps environments separate and a single sign-on could be implemented. The solution could be modified (a cosmetic change) to make more visible what environment the user is in. A white banner for notification of a sensitive system could be configured. The solution will be configured to meet the criteria of the Requirement.
SEC-11.1.10	S	Logging-in	Does the Solution integrate with multi-factor authentication (i.e. OAuth2, SAML 2.0, etc.), using a single sign-on solution, that either implements or uses a service standard, for authorizing access to additional applications? Please describe.	Y	SEC501	Yes	Supplier will ensure its SVRS fulfills the Requirement. The system when deployed in Azure will integrate with Azure Active Directory and Azure Multi Factor Authentication (MFA) with OAuth services. This is an out of the box functionality that integrates with SVRS via configuration.
SEC-11.1.10.1	S	Login Timeout	Does the Solution support the automatic logout of a user session based on a configurable inactivity time limit and integrate with a single sign-on solution to log out a user? Please describe.	Y	SEC501	Yes	Supplier will ensure its SVRS fulfills the Requirement. A user that has been inactive for a configurable amount of time, will be asked to continue with the session or the user gets logout of the system. The user will be prompted to login again when he/she decides to reuse the application.
SEC-11.2	F, S, R	Role-based Access Control					
SEC-11.2.1	S	Roles	Does the Solution support roles which represent generate, read, update, print, and archive access to different functions in the system, and when assigning a role to a user, does the Solution provide clarity as to what functions and activities that role encompasses and identify what permissions are being granted? Please describe.	Y	SEC501	Yes	Supplier will ensure its SVRS fulfills the Requirement. The solution supports roles based on CRUD operations (Create, Update, Read, and Delete (inactivate)) as well as access to different functions in the system. If a user does not have access to a certain functionality, the access or action buttons are either made not visible or are disabled for the user. The solution supports roles at a functional level. Can create, update, read, and delete. Lower level roles for systems, functions, and group can be created. Roles access can be customized. The solution does not provide the capability to clone a role. Drop and drag to copy a role is supported. The solution will be configured to meet the criteria of the Requirement.
SEC-11.2.2	S	Two types of Access Control	Does the Solution support permissions from two different perspectives - role and user type? Please describe.	Y	SEC501	Yes	Supplier will ensure its SVRS fulfills the Requirement. Our understanding of user types and user roles is that a role defines the functional access a user has, and the permission level (i.e., generate, read, update, print, archive) within that function. A user type defines the scope of data the user can access while performing that function. In this regard, the system provides user roles and user functions, as well as data access permission
SEC-11.2.3		Role Groups	Does the Solution support combining multiple roles into groups, allowing the user to be granted permissions at either the role or group level, for one or more roles or groups? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The solution allows to group multiple functions into a role to represent a common functionality assigned to a specific user or users. The solution implements the grouping of roles into role groups to facilitate this logic macro assembly of functionalities.
SEC-11.2.4		Define Roles	Does the Solution provide the authorized user with the capability to define roles down to the field level, without requiring a code change? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. In the user management module, we control roles at the API level (functions) and at the CRUD data level. For example, a user can have roles to access a specific function and this can be limited to be read only. This is done via configuration without code changes.
SEC-11.3	F, S, R	IP Whitelisting					
SEC-11.3.1	S	Support IP Whitelisting	Does the Solution support role-based access restrictions, which allows authorized users to only access the solution from predefined addresses and integrate with a third-party identity management solution, to prevent access from unauthorized locations? Please describe.	Y	SEC501	Yes	Supplier will ensure its SVRS fulfills the Requirement. The system architecture at the infrastructure level uses an access control lists ("white" list) to allow only authorized users entering the system. The access control list contains the user and a pre-defined IP Address. The logs of the system also capture this information for every incoming request. The user is then authenticated and authorized using the provided security component or can be integrated with Azure AD/MFA. The access to the system is thru the web application (portal) using the Firewall that secures the entire system (SEC-11.3.1), (SEC-11.3.2), (SEC-11.3.3).

SEC-11.3.2	S	Secure Portal Integration	Does the Solution support the integration to a third-party identity management solution, which supports role-based access for authorized user's from predefined addresses, preventing access from unauthorized locations? Please describe.	Y	SEC501	Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement SEC-11.3.1 above
SEC-11.3.3	S	Secure Portal	Does the Solution provide a secure portal capability, which supports role-based access for authorized user's from predefined addresses, preventing access from unauthorized locations? Please describe.	Y	SEC501	Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement SEC-11.3.1 above.
SEC-11.4	F, S, R	Obfuscation of Personally Identifiable Information (PII)					
SEC-11.4.1	S, F	Obfuscation by Default	Does the Solution provide authorized users the capability to obfuscate Personally Identifiable Information (PII) data? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-405) Code of Virginia - TITLE 24.2, Chapter 4 (24.2-444) NIST SP 800-122	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS by default supports obfuscation (masking) of Personal Identifiable Information such as confidential information. Only authorized users belonging to a specific role group are allowed to view the PII in readable format. Access to the PII data is recorded into the logs as part of our database logging and the other system logs. Any edits to the PII are tracked by the system logs. An administrator of the system should be able to move data to other environment such as development, test and training. The PII can be filtered via the extract scripts (SEC-11.4.1), (SEC-11.4.2), (SEC-11.4.3), (SEC-11.4.4).
SEC-11.4.2	F	Override Obfuscation	Does the Solution support visibility into Personally Identifiable Information (PII) for authorized users, with a deliberate step for an authorized user to present PII data? Please describe.	Y	NIST SP 800-122	Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement SEC-11.4.1 above. The solution encrypts the data in general and in transit. PII will be obfuscated. Authorized users with permissions can see PII. The solution will be configured to meet the criteria of the Requirement.
SEC-11.4.3	F	Audit Trail	Does the Solution keep an audit trail for all view and edit access to Personally Identifiable Information (PII), and make an audit report available? Please describe.	Y	NIST SP 800-122	Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement SEC-11.4.1 above. Audit trail applies to all fields and all data is trapped in tables. The solution audits every activity of any modifications to the PII data. Reports can be created in the reporting module. For a report log view, this will need to be created. Supplier will work with Elect to come up with a retention period. The solution will be configured to meet the criteria of the Requirement.
SEC-11.4.4		Data for Non-production	Does the Solution provide an authorized user with the capability to move data to other development, test, and training environments without copying PII? Please describe.	Y	SEC525	Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to explanation for requirement SEC-11.4.1 above.
SEC-11.5	F, S, R	Who's Online?					
SEC-11.5.1		A View of Currently Logged-in Users	Does the Solution provide the authorized user with the capability to view all currently logged-in users, including configured details about their session? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS's security module logs who is logged in the system, from where the user is accessing SVRS, when the session started, and the time the user session is active. This information is in the SVRS database, and in the logs. The admin can verify who is logged in by just using the reports from the Data Analytics component. The moment the user logs into the system, the system is capturing the data of that user. The system tracks the IP address, username and other metadata while the session is active. A dashboard can be configured if needed. The solution will be configured to meet the criteria of the Requirement.

"Official" RFP #'s	Federal, State, Regulatory	ELECT Specification Title	Requirement	Implementation Status Yes (Y) Partial (P) Future (F) No (N)	Reference links to fulfill the listed requirement. <i>The links to any Federal, State or Regulatory requirements are provided for the Supplier to reference and review to ensure compliance.</i>	ELECT Must Have	ELECT Proposed Final Contract language/remaining questions/clarifications
General Administration (90)							
		Data and Audit Records					
GA-12.1.1	F, S, R	Metadata, Audit and					
GA-12.1.1.1	S	Metadata	Does the Solution provide for the storage of data or metadata, stored within the system? Please describe.	Y	Code of Virginia- TITLE 24.2, Chapter 1 (24.2-105.1) LVA Records Retention Specific Schedule No. 132-020 Code of Virginia - Administrative Code - TITLE 2.2, Chapter 37	Yes	Supplier will ensure its SVRS fulfills the Requirement. The system supports storage of data and metadata within the system. We use a relational database and blob storage to persist transactional data, audit records, documents, images, files, pointer to files, etc. Our solution also persists configuration information and information about third party integrations.
GA-12.1.1.2	S	Audit Data Storage	Does the Solution protect against the destruction or modification of audit records, subject to retention policies? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-404)	Yes	Supplier will ensure its SVRS fulfills the Requirement. The audit records are stored in the database or file storage, secured by security features and policies. The audit records can be purged following retention policies. We have replication mechanisms to recover the audit records if needed.
GA-12.1.1.3	S	Audit Record	Does the Solution record an audit record when a user views or downloads a record? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 Code of Virginia - TITLE 24.2, Chapter 6	Yes	Supplier will ensure its SVRS fulfills the Requirement. Any interaction with transactional data is recorded using triggers in the database or logs in the request and data layer recording contextual information such as the user, date timestamp, operation type and state of the data before the operation. For group of changes and distributed transactions we have a correlation id to group the changes associated to a specific set of transactions. (GA-12.1.1.3), (GA-12.1.1.4), (GA-12.1.1.7), (GA-12.1.1.9)
GA-12.1.1.4	S	Audit Set of Changes	Does the solution provide for the ability to associate a group of changes that were made in bulk, or as a batch, as being related? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 6	Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to section SEC-12.1.1.3 response above
GA-12.1.1.5	S	Audit Log of Record Changes	Does the Solution log when a record was created, changed, or archived, and provide full contextual detail (what, who, where, when)? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4	Yes	Supplier will ensure its SVRS fulfills the Requirement. The component where the operations are performed are intrinsically recorded by the audit records. We record who is performing the transaction (username), what is this transaction for (the data that is being persisted), where is this transaction occurring (the component table that the operation is being persisted to) and when the transaction happened (the time stamp for the CRUD operation or transaction).
GA-12.1.1.6		User Processing Time Stats	Does the Solution provide the ability to capture click counts per user for user processing time stats? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Our user management component not only captures user session information and where the requests (user ip addresses) is coming from but also we can persist present the click counts. This information can then be processed in the Data Analytics service.
GA-12.1.1.7		Self-contained Audit Records	Does the Solution provide for audit records to be constructed in such a manner that they do not rely on the primary data source to be understood? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to section SEC-12.1.1.3 response above
GA-12.1.1.8	S	User Accounts Audit Report	Does the Solution provide an audit report for user accounts? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 6	Yes	Supplier will ensure its SVRS fulfills the Requirement. Audit records of user accounts are stored in journal tables associated to the user related tables. User request reports can be generated from these records in the Reporting/Data Analytics service.
GA-12.1.1.9	S	Record Audit Log	Does the Solution provide that no record can be created, changed, or archived without creating an audit log? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to section SEC-12.1.1.3 response above.
GA-12.1.1.10	F	Personally Identifiable Information (PII) in Audit Logs	Does the Solution ensure that the same controls that apply to Personally Identifiable Information (PII) in the production system also apply to the viewing of audit logs? Please describe.	Y	NIST SP 800-122	Yes	Supplier will ensure its SVRS fulfills the Requirement. The audit records cover PII information. Audit records are only visible to administrators of the system. We provide authorized users with tools to monitor and visualize continuously the logs and audit records. We can also filter the logs to hide PII information. (GA-12.1.1.10), (GA-12.1.1.11)
GA-12.1.1.11	S	On-demand Access to Audit Log	Does the Solution provide administrators access to logs on demand, allowing for continuous monitoring and periodic review? Please describe.	Y	Code of Virginia - TITLE 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to section SEC-12.1.1.10 response above.
GA-12.1.1.12	F	Time Server	Does the Solution provide that the components of the solution use the same time server, and comply with ISO 8601? Please describe.	P	ISO 8601	Yes	Supplier will ensure its SVRS fulfills the Requirement. The solution uses the Cloud (Azure) Network Time to synchronize all the times across the resources of the solution.
GA-12.1.1.13		Master Data Management	Does the Solution allow use of master data where appropriate? Please describe.	Y	Code citation	Yes	Supplier will ensure its SVRS fulfills the Requirement. Our ***** Agent Service support management of master data for voters, felons, deceased, adjudicated incapacitated, and non-citizens. Voter data is dynamically linked to the incoming external agency data to provide an up-to-date voter registration data.
GA-12.1.2 Documents (Enterprise Content Management)							
GA-12.1.2.1		Attachment of Documents to Transactions	Does the Solution support the attachment of documentation to each major transaction type (e.g. voter registration, absentee request, candidate)? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. For a more comprehensive understanding, Please refer to See Attachment A.docx section GA-12.1.2. SVRS supports the attachment of documents in Voter (GA-12.1.2.5), Candidate, Locations (GA-12.1.2.1). The solution can capture any image in any format for candidates, voters, absentee, and election workers.
GA-12.1.2.2		Image Capture Standard	Does the Solution allow each image of a document type to be captured or processed according to standardized parameters (e.g. resolution, color space, dimensions)? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Documents are persisted presented as files under their original format, but whenever a document needs to be persisted presented as an image, we use standard image formats.
GA-12.1.2.3		Optical Character Recognition	Does the Solution support the extraction of textual data from scanned images as an additional searchable layer? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. We support Optical Character Recognition (OCR) by using industry leading UIPath Automation. This feature allows to extract plain text from the images.
GA-12.1.2.4	F, S	Special Characters	Does the Solution accept entry and display of special characters (#, %, etc.), i.e. voter registration? Please describe.	Y	Code of Virginia - TITLE 24.2 WCAG Standards	Yes	Supplier will ensure its SVRS fulfills the Requirement. The solution supports entering special characters in the input field of the Voter Registration windows. This allows to capture nonstandard ascii code.

GA-12.1.2.5		Electronic images of Voter Registration Cards and Signatures	Does the Vendor, as part of the conversion, provide the capability to create an electronic image and a signature record from the paper voter registration card for a subset of voters, as specified by ELECT? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section GA-12.1.2. SVRS supports the attachment of documents in Voter (GA-12.1.2.5) As part of the Data Conversion, we will provide the tools and services needed to convert paper voter registration cards to electronic image and signature records for the subset of voters defined by VA ELECT.
GA-12.1.2.6		Correspondence Management	Does the Solution provide the capability of attaching generated correspondence to the voter's record? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section GA-12.1.2. Correspondences are issued (GA-12.1.2.6) and tracked on the Notices tab of voter (GA-12.1.2.6), but all images/attachments are added on the Images tab. Our solution provides the capability to attach generated and returned correspondence to the voter's record. The Canton Group will meet VA ELECT requirements prior to GoLive. The Canton Group will conduct Fit-GAP analysis from the current design and implement the appropriate solution to meet Virginia needs. "Partial" is the indication of the need to perform Fit-GAP during implementation. The solution will be configured to meet the criteria of the Requirement.
GA-12.1.2.7		Archival PDF	Does the Solution provide the capability of storing records of generated correspondence in various formats, including but not limited to, PDF/A format? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section GA-12.1.2. SVRS allows common image formats and PDFs to be attached (GA-12.1.2.7).
GA-12.1.2.8		Trusted Timestamping	Does the Solution provide the capability of placing timestamps on documents during the time of generation? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section GA-12.1.2. Correspondences are issued (GA-12.1.2.8) and tracked on the Notices tab of voter (GA-12.1.2.8), but all images/attachments are added on the Images tab. Timestamps for upload date are added to all attachments (GA-12.1.2.8).
GA-12.1.3		IT Lifecycle Management					
GA-12.1.3.1	S	Retention Schedules	Does the Solution support the retention of data according to specified schedules? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4	Yes	Supplier will ensure its SVRS fulfills the Requirement. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section GA-12.3 IT Lifecycle Management. The design of SVRS includes support for retention of data. This is a procedure that must be defined during implementation of the solution. We can easily add functionality in the administration module to provide scheduled of data retention as a configuration parameter. Currently the data that passed their retention schedule is purged using ad hoc scripts. (GA-12.1.3.1), (GA-12.1.3.1.1), (GA-12.1.3.1.2).
GA-12.1.3.1.1	S	Configuration of Retention Schedules	Does the Solution provide the authorized user with the capability to configure the retention schedules for data stored in the system? Please describe.	F	Code of Virginia - TITLE 24.2, Chapter 4	Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to section SEC-12.1.3.1 response above. The solution will be configured to meet the criteria of the Requirement.
GA-12.1.3.1.2		Retention Schedules, Purge	Does the Solution support the purging of records that have passed their retention schedule, either automatically or on demand, by authorized users? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to section SEC-12.1.3.1 response above. The solution will be configured to meet the criteria of the Requirement.
GA-12.1.3.1.3		Retention Schedules, Performance	Does the Solution provide a consistent level of performance (e.g. responsiveness, transactions per second), as additional data is entered into it? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document To Attachment A.docx, section SVRS architecture implements the Reactive Architecture Principles: The solution is responsive, scalable, resilient, and not monolithic. Responsive: We assure that the architecture and infrastructure allow for timely responses to request independent of the number of users or load size. Scalable: SVRS architecture supports horizontal scalability of the micro services based on the container size and capacity. When a microservice is reaching its capacity, our platform creates a new microservice to support the excess of load.it knows how to route the requests to the microservices automatically. Resilient: When a microservices health is deteriorating, the platform fires a new microservice to replace the failing one. This allows our system to be 24x7 up and running. Message Driven: Each microservice maps a functional domain and only knows how to do that business logic. It does not present state (stateless), so the API requests from the clients do not interfere with each other. The microservices therefore are decoupled services communicating via messaging to achieve workflows. The above high-level description of our architecture assures that SVRS is performant, according to the SLAs, regardless of the amount of data entered in the system (GA-12.1.3.1.3).
GA-12.1.4		Code Tables					
GA-12.1.4.1	S	Data/Tables	Does the Solution provide the authorized users with the capability to establish and maintain data? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-404) LVA Records Retention Specific Schedule No. 132-020 SBE	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS data model includes code tables. The access to the code tables is via a specialized GUI or using direct SQL. Only a user (administrator) with the right permission can maintain (create, Update).
GA-12.1.4.2		Lists of Data Values	Does the Solution provide the authorized users with the capability to establish and maintain a list of data values where each value is subject to metadata requirements? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to section SEC-12.1.4.1 response above.
GA-12.1.4.2.1		Data Values	Does the Solution provide the authorized users with the capability to expire specific data values, so that the values can no longer be assigned to attributes of that data table, and therefore prevent displaying attributes containing expired values? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to section SEC-12.1.4.1 response above.
GA-12.2		Usability					
GA-12.2.1		Functionality					

GA-12.2.1.1		Multiple Sessions	Does the Solution support multiple sessions of the solution to be run concurrently on a single terminal? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS client runs on a web browser. A user can have multiple sessions of the application in the same computer on multiple web browsers running concurrently. SVRS stores client preferences when the user initiates a session. The solution presents the user location (IP address, time stamp on the session initiation, user level (roles)). A privileged user (administrator) can lock access to functions of the application to lower-level users via the user management and user roles management views. (GA-12.2.1.1), (GA-12.2.1.2), (GA-12.2.1.2.1).
GA-12.2.1.2		Preferences	Does the Solution support the recording of preferences at the system, locality, and user level? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to section SEC-12.2.1.2.1 response above. The system configuration can be controlled at the state level. At the user level, the user would have a dashboard view. At the locality level, unique correspondence can be created by the user.
GA-12.2.1.2.1		Preference Lock	Does the Solution provide the privileged user with the capability to lock, or otherwise prevent, a user at a lower level to modify a preference that has been set at a high level? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to section SEC-12.2.1.2.1 response above. The solution provides a role based in a single level for a single jurisdiction. The solution offers a parent child relationship where no modifications to templates are made at the child level (localities) only at the parent level (state). Privilege users at the locality level are able to modify notices and add notices. For users that do not have access will only have read access.
GA-12.2.2		User Interface					
GA-12.2.2.1	F	User-centered Design Process	Does the Solution follow best practices for a user-centered design process, with a report including, at a minimum: a) a listing of user-centered design methods used, b) the types of election workers included in those methods, c) how those methods were integrated into the overall implementation process, and d) how the results of those methods contributed to developing the final features and design of the solution? Please describe.	P	ISO 9241 EAC Voluntary Voting Systems Guidelines (VVSG) 2.0	Yes	Supplier will ensure its SVRS fulfills the Requirement. In general, our design is a Domain Driven Design (DDD), where we decompose the elections domains in sub-domains, preferably independent of each other. Specifically, our User Interface design includes the use of user-centered design best practices. We follow an Agile Process where the product owner, a person with extensive knowledge in the election's arena, is a member of the design team. We also included feedback from actual users of a County in California. We used simple archetypes (personas) to represent election users. The Ideation process includes use of visual aid designs and workflows (mockups). The information architecture is defined in our DDD process to support the Object Model that implements the business logic. Our View Models represent what the user needs in their workflows and maps the aggregates (object model) in the business layer. This mapping validates the structure and data being used in the UI. (GA-12.2.2.1). SVRS implements the Object Action Pattern, in which the user selects first the object (voter) and then the action to perform on it (create, update, etc.) (GA-12.2.2.2) (GA-12.2.2.3), (GA-12.2.2.4), (GA-12.2.2.5)
GA-12.2.2.2		Object-action Pattern	Does the Solution use an object-action pattern for user interaction? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to section SEC-12.2.2.1 response above.
GA-12.2.2.3		Support Multiple User Access to Workflow Batch	Does the Solution support the capability for multiple authorized users to access the workflow, simultaneously? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to section SEC-12.2.2.1 response above. The solution has a work queue for voter registration, list maintenance, voter response, and ballot with the ability to lock and unlock the queue for multiple users to work.
GA-12.2.2.4		Default Election	Does the Solution provide authorized users with the capability to specify which election they are working in for a period of time, and default all actions into the context of that election? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to section SEC-12.2.2.1 response above. The solution allows the user to select the specific election to work on and the ability to switch to and from different elections.
GA-12.2.2.5		Support Batch Workflow	Does the Solution provide authorized users with the capability to remain in a work area (e.g. Filtered work list/queue) and move to subsequent work area, without searching or navigating again through the main menu? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Please refer to section SEC-12.2.2.1 response above. The solution follows FIFO where each record is locked and then released into the workflow. Additional steps and reviews will need to be confirmed.
GA-12.2.2.6	S	Data Authorities	Does the Solution limit the ability to change records based on the locality a user is assigned, in order that only users assigned to a locality can modify that locality's data? Please describe.	Y	Code of Virginia 24.2 Chapter 1	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS limits the access of functionality and data to the locality of the user. The application uses the properties of multi-tenancy with locality identifier (jurisdiction id) to segregate data access to the appropriate locality (GA-12.2.2.6)
GA-12.2.3		Search and Filter					
GA-12.2.3.1		Search and Filter Scope	Does the Solution provide the authorized user with the capability to search and filter for records within the user's locality, another locality, or statewide? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS provides with powerful searching and filtering capabilities. We offer a permanent search feature in the UI. A user can only search based on assigned privileges. User's roles are designed to allow users to search only in their localities (jurisdictions) or cross jurisdictions. A user can search statewide (unified search) or in multiple localities if they have the appropriate privileges. Searching is around functional criteria. SVRS offers searching with single or combined criteria. System attributes such as primary key, are not included in SVRS because these values have only meaning internally to preserve data integrity or facilitate searches. Allowing users to search by primary can lead to users accessing data that is not allowed to access, such as data from other jurisdictions or simply PII or confidential information. But, adding search by primary key would be very simple, because of the expandability of SVRS. (GA-12.2.3.1), (GA-12.2.3.2), (GA-12.2.3.3) (GA-12.2.3.3.4).
GA-12.2.3.2		Unified Search and Filter	Does the Solution provide the authorized user with the capability to perform a unified search and filter for all person entities? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS provides with powerful searching and filtering capabilities. We offer a permanent search feature in the UI. A user can only search based on assigned privileges. User's roles are designed to allow users to search only in their localities (jurisdictions) or cross jurisdictions. A user can search statewide (unified search) or in multiple localities if they have the appropriate privileges. Searching is around functional criteria. SVRS offers searching with single or combined criteria. System attributes such as primary key, are not included in SVRS because these values have only meaning internally to preserve data integrity or facilitate searches. Allowing users to search by primary can lead to users accessing data that is not allowed to access, such as data from other jurisdictions or simply PII or confidential information. But, adding search by primary key would be very simple, because of the expandability of SVRS. (GA-12.2.3.1), (GA-12.2.3.2), (GA-12.2.3.3) (GA-12.2.3.3.4).

GA-12.2.3.3		Search and Filter Criteria	Does the Solution provide the authorized user with the capability to search and filter for records using specified criteria, including combinations of criteria or fuzzy searches? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement.SVRS provides with powerful searching and filtering capabilities. We offer a permanent search feature in the UI. A user can only search based on assigned privileges. User's roles are designed to allow users to search only in their localities (jurisdictions) or cross jurisdictions. A user can search statewide (unified search) or in multiple localities if they have the appropriate privileges. Searching is around functional criteria. SVRS offers searching with single or combined criteria. System attributes such as primary key, are not included in SVRS because these values have only meaning internally to preserve data integrity or facilitate searches. Allowing users to search by primary can lead to users accessing data that is not allowed to access, such as data from other jurisdictions or simply PII or confidential information. But, adding search by primary key would be very simple, because of the expandability of SVRS. (GA-12.2.3.1), (GA-12.2.3.2), (GA-12.2.3.3) (GA-12.2.3.4). The solution's search features are very robust and provides six tabs of filter options. The search features offer partial searches, age ranges and date ranges. Administrative users can extract, partial searches.
GA-12.2.3.4		Unique Key Search and Filter	Does the Solution provide the authorized user with the capability to perform a record lookup, and filter using a record's unique or primary key alone? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement.SVRS provides with powerful searching and filtering capabilities. We offer a permanent search feature in the UI. A user can only search based on assigned privileges. User's roles are designed to allow users to search only in their localities (jurisdictions) or cross jurisdictions. A user can search statewide (unified search) or in multiple localities if they have the appropriate privileges. Searching is around functional criteria. SVRS offers searching with single or combined criteria. System attributes such as primary key, are not included in SVRS because these values have only meaning internally to preserve data integrity or facilitate searches. Allowing users to search by primary can lead to users accessing data that is not allowed to access, such as data from other jurisdictions or simply PII or confidential information. But, adding search by primary key would be very simple, because of the expandability of SVRS. (GA-12.2.3.1), (GA-12.2.3.2), (GA-12.2.3.3) (GA-12.2.3.4).
GA-12.2.4		Redaction, subsetting, and substitution					
GA-12.2.4.1	S	Redaction of Parts of Date of Birth	Does the Solution provide the ability to produce any report with the day and month of birth conditionally redacted? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-706)	Yes	Supplier will ensure its SVRS fulfills the Requirement. ELECT to define set of data that is considered Personal Identifiable Information (PII), the SVRS solution encrypts the data and is only available on UI and reports for users with permission to view PII data otherwise it is masked (redacted). The level of masking can be setup at field level such as to show **** for SSN4 vs **/"/1987 for date of birth. (GA-12.2.4.1, GA-12.2.4.2).
GA-12.2.4.2	S	Redaction of Social Security Number	Does the Solution provide the ability to produce any report with the social security number conditionally redacted? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-706)	Must have SSN redaction for all reports	Supplier will ensure its SVRS fulfills the Requirement.ELECT to define set of data that is considered Personal Identifiable Information (PII), the SVRS solution encrypts the data and is only available on UI and reports for users with permission to view PII data otherwise it is masked (redacted). The level of masking can be setup at field level such as to show **** for SSN4 vs **/"/1987 for date of birth. (GA-12.2.4.1, GA-12.2.4.2). The solution will be configured to meet the criteria of the Requirement.
GA-12.2.4.3	S	Substitution of Residence Address	Does the Solution have the ability produce reports that substitute the residence address with a post office box address provided by voters marked as protected? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-706)	Yes	Supplier will ensure its SVRS fulfills the Requirement. In case of protected (confidential) voter, the mailing address is required in addition to residential address, however mailing address is always used in the reports and labels. (GA-12.2.4.3).
GA-12.2.4.4	S	Non-production Environments	Does the Solution provide the ability to subset, redact, or otherwise obscure Personally Identifiable Information (PII) that is exported for non-production purposes? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 7 (24.2-706)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS preserves PII information obscured or masked in all the environments. (GA-12.2.4.4). The solution will be configured to meet the criteria of the Requirement.
GA-12.3		Process Management					
GA-12.3.1		Transactions					
GA-12.3.1.1		Commenting	Does the Solution support adding comments on transactions, and recording who made the comment and when? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. For a more comprehensive understanding, Please refer to See Attachment A.docx section 4.3.13 GA-12.3 Process Management. Comments are not added at the transaction level. SVRS records the transactions and meta data about the transactions for audit purposes. By looking at our historical data you can determine what changed (GA-12.3.1.1). The solution will be configured to meet the criteria of the Requirement.
GA-12.3.2		Election Calendar					
GA-12.3.2.1		Calendar Specification	Does the Solution support the iCalendar[1] specification or another published standard for describing calendar events and occurrences, such as pre & post-election milestones? Please describe.	Y	Internet Calendaring and Scheduling Core Object Specification (iCalendar)	Yes	Supplier will ensure its SVRS fulfills the Requirement.SVRS has its own calendar support to describe calendar events and occurrences, such as pre & post milestones. This calendar is inherited from our UI framework in the concrete Windows (UI pages) (GA-12.3.2.1)
GA-12.3.3		Workflow & Work Allocation					
GA-12.3.3.1		Workload Management	Does the Solution provide an effective means to electronically manage the voter registration, absentee, and other transactional workloads of a jurisdiction, or user? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. To understand how SVRS effectively manages large number of voter and ballot workloads, please see sections 4.3.1 Voter Registration and section 4.3.5 Absentee Voting for more information (GA-12.3.3.1) (GA-12.3.3.2). For absentee, the user would create a workspace. Ballots can be suspended and unprocessed as part of the bulk process. When a ballot is returned, the system marks the date the ballot was returned and the ballot method. The system allows for the user to process side by side.
GA-12.3.3.2		Organize Workload	Does the Solution allow authorized users to organize the workload? Please describe.	Y		CONFIGURE TO CURRENT FUNCTIONALITY AND ROADMAP	To understand how SVRS effectively manages large number of voter and ballot workloads, please see sections 4.3.1 Voter Registration and section 4.3.5 Absentee Voting for more information (GA-12.3.3.1) (GA-12.3.3.2). The solution does not group agency records. Work queues would need to be determined in advanced. This solution does not allow for a system configuration setup

GA-12.3.3.3		Content Based Routing	Does the Solution provide the authorized users with the capability to route requests, based on their content? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. One user assigning workload to specific users is not something currently in-built; however, pushing work into workable queues for processing is very much part of the SVRS solution. (GA-12.3.3.3). This will need to be determined in advance and would not require a configuration set up for UI. This requirement is in scope but would require Supplier to support Elect. The solution will be configured to meet the criteria of the Requirement.
GA-12.3.3.4		Workload Visibility	Does the Solution provide the ability to filter work items therein to users possessing certain roles, and other applicable metadata? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS is built on the premise of "data in, data out", as a result all primary screens in SVRS start either with an Advanced Search or a Queue card (GA-12.3.3.4). The solution allows for individual ballots in the work queue. The Supplier will create a process to either create a filtered work queue or add filters to the individual work queues. This is in scope and the data is available and will be determined during the Gap Analysis. The solution will be configured to meet the criteria of the Requirement.
GA-12.3.3.5	S	Due Dates	Does the Solution provide the ability to automatically assign due dates, based on the election calendar, or applicable deadline, for example: voter registration requests, absentee requests, pollbook generation? Please describe.	Y	Code of Virginia - Administrative Code - TITLE 1, Chapter 40, Section 70	Yes	Supplier will ensure its SVRS fulfills the Requirement. The Election Calendar is a System Configuration, and unique calendars can be created for each election type. This automatically calculates all key election dates during election creation. This acts as a template, and does not restrict modifications in the event a date needs to be modified for a unique circumstance. (GA-12.3.3.5).
GA-12.3.3.6		Workload Alerts	Does the Solution provide the authorized users with the capability to configure alerts for unworked items, items close to being due, or past due? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. While alerts can be built-in, SVRS comes with a homepage workspace which is intended to take the place of alerts or many reminder e-mails. It strives to answer the question "What should I do today?" or "Where is my jurisdiction at?" At present, there is one default workspace. There are five homepage workspaces in active development: Odd Year Cleanup, Election Voters, Election Ballots, Election Event (Workers), and Administrative. (GA-12.3.3.6). The solution allows the dashboard to be modified to be the most effective for users. The solution does not allow for alerts specifically. The solution will be configured to meet the criteria of the Requirement.
GA-12.4		Relationship Management Authority					
GA-12.4.1		Authority to Update					
GA-12.4.1.1		Authority to Update	Does the Solution provide the authorized users with the capability to update offices and members, based on the user's locality? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS allows information updates to users with the appropriate privileges based on the user's locality (GA-12.4.1.1).
GA-12.4.2		Position holder Contact					
GA-12.4.2.1		Position holder Contact Directory	Does the Solution support the creation of a directory containing position holders who belong to or are relevant to the locality? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. For information on how SVRS handles Positions and Position Holders please see 4.3.2 Election Admin, EA-2.2 Manage Offices (GA-12.4.2.1) (GA-12.4.2.2) (GA-12.4.2.3) (GA-12.4.2.3.1) (GA-12.4.2.3.2) (GA-12.4.2.3.3) (GA-12.4.2.4) (GA-12.4.2.4.1) (GA-12.4.2.4.2) (GA-12.4.2.5.2). Additionally, on the Voter Record a user can select the "Election Officials" button to view the list of position holders for a particular voter. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution shows elected official and contact information. Jurisdiction granular detail level would require system configuration and added to the poll notices tab. For counties and localities, would be added into the same role everytime. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.2.2		Search and Filter member in directory	Does the solution provide the authorized users with the capability to search and filter for a member in the directory? Please describe	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. For information on how SVRS handles Positions and Position Holders please see 4.3.2 Election Admin, EA-2.2 Manage Offices (GA-12.4.2.1) (GA-12.4.2.2) (GA-12.4.2.3) (GA-12.4.2.3.1) (GA-12.4.2.3.2) (GA-12.4.2.3.3) (GA-12.4.2.4) (GA-12.4.2.4.1) (GA-12.4.2.4.2) (GA-12.4.2.5.2). Additionally, on the Voter Record a user can select the "Election Officials" button to view the list of position holders for a particular voter. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.2.3		Position Types	Does the Solution provide the authorized users with the capability to maintain a list of position types that members can hold? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. For information on how SVRS handles Positions and Position Holders please see 4.3.2 Election Admin, EA-2.2 Manage Offices (GA-12.4.2.1) (GA-12.4.2.2) (GA-12.4.2.3) (GA-12.4.2.3.1) (GA-12.4.2.3.2) (GA-12.4.2.3.3) (GA-12.4.2.4) (GA-12.4.2.4.1) (GA-12.4.2.4.2) (GA-12.4.2.5.2). Additionally, on the Voter Record a user can select the "Election Officials" button to view the list of position holders for a particular voter. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.2.3.1		Position Partisanship	Does the Solution provide the authorized users with the capability to indicate if a position is partisan? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. For information on how SVRS handles Positions and Position Holders please see 4.3.2 Election Admin, EA-2.2 Manage Offices (GA-12.4.2.1) (GA-12.4.2.2) (GA-12.4.2.3) (GA-12.4.2.3.1) (GA-12.4.2.3.2) (GA-12.4.2.3.3) (GA-12.4.2.4) (GA-12.4.2.4.1) (GA-12.4.2.4.2) (GA-12.4.2.5.2). Additionally, on the Voter Record a user can select the "Election Officials" button to view the list of position holders for a particular voter. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.2.3.2		Position Type Expiration	Does the Solution provide the authorized users with the capability to indicate if a position type is subject to term expiration? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. For information on how SVRS handles Positions and Position Holders please see 4.3.2 Election Admin, EA-2.2 Manage Offices (GA-12.4.2.1) (GA-12.4.2.2) (GA-12.4.2.3) (GA-12.4.2.3.1) (GA-12.4.2.3.2) (GA-12.4.2.3.3) (GA-12.4.2.4) (GA-12.4.2.4.1) (GA-12.4.2.4.2) (GA-12.4.2.5.2). Additionally, on the Voter Record a user can select the "Election Officials" button to view the list of position holders for a particular voter. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
				Y			

GA-12.4.2.3.3	Position Term Dates	Does the Solution support the entry of term dates, for positions subject to expiration? Please describe.	Y	Yes	Supplier will ensure its SVRS fulfills the Requirement. For information on how SVRS handles Positions and Position Holders please see 4.3.2 Election Admin, EA-2.2 Manage Offices (GA-12.4.2.1) (GA-12.4.2.2) (GA-12.4.2.3) (GA-12.4.2.3.1) (GA-12.4.2.3.2) (GA-12.4.2.3.3) (GA-12.4.2.4) (GA-12.4.2.4.1) (GA-12.4.2.4.2) (GA-12.4.2.5.2). Additionally, on the Voter Record a user can select the "Election Officials" button to view the list of position holders for a particular voter. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.2.4	Contact Information	Does the Solution provide the ability to store information necessary to contact the member, including a mailable address and electronic contact information? Please describe.	Y	Yes	Supplier will ensure its SVRS fulfills the Requirement. For information on how SVRS handles Positions and Position Holders please see 4.3.2 Election Admin, EA-2.2 Manage Offices (GA-12.4.2.1) (GA-12.4.2.2) (GA-12.4.2.3) (GA-12.4.2.3.1) (GA-12.4.2.3.2) (GA-12.4.2.3.3) (GA-12.4.2.4) (GA-12.4.2.4.1) (GA-12.4.2.4.2) (GA-12.4.2.5.2). Additionally, on the Voter Record a user can select the "Election Officials" button to view the list of position holders for a particular voter. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.2.4.1	Address Standardization	Does the Solution provide for the ability to standardize an address to a standard or set of standards specified by ELECT? Please describe.	Y	Yes	Supplier will ensure its SVRS fulfills the Requirement. For information on how SVRS handles Positions and Position Holders please see 4.3.2 Election Admin, EA-2.2 Manage Offices (GA-12.4.2.1) (GA-12.4.2.2) (GA-12.4.2.3) (GA-12.4.2.3.1) (GA-12.4.2.3.2) (GA-12.4.2.3.3) (GA-12.4.2.4) (GA-12.4.2.4.1) (GA-12.4.2.4.2) (GA-12.4.2.5.2). Additionally, on the Voter Record a user can select the "Election Officials" button to view the list of position holders for a particular voter. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.2.4.2	Mailing Address	If more than one address is provided, does the Solution provide the authorized users with the capability to allow a mailing address to be indicated? Please describe.	Y	Yes	Supplier will ensure its SVRS fulfills the Requirement. For information on how SVRS handles Positions and Position Holders please see 4.3.2 Election Admin, EA-2.2 Manage Offices (GA-12.4.2.1) (GA-12.4.2.2) (GA-12.4.2.3) (GA-12.4.2.3.1) (GA-12.4.2.3.2) (GA-12.4.2.3.3) (GA-12.4.2.4) (GA-12.4.2.4.1) (GA-12.4.2.4.2) (GA-12.4.2.5.2). Additionally, on the Voter Record a user can select the "Election Officials" button to view the list of position holders for a particular voter. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.2.5	Import Position holder	Does the Solution support an import of members using standardized formats? Please describe.	Y	Yes	Supplier will ensure its SVRS fulfills the Requirement. In regards to importing, the initial data migration would include the setup of historical and current position holders; however, maintaining this is done via Election or manual maintenance using the Add/Edit feature (GA-12.4.2.5). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.2.5.1	vCard Import	Does the Solution support the import of relevant data using the vCard format? Please describe.	N	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS does not currently create a "vCard" file format, however does maintain Position Holder contact information, including social media sites (GA-12.4.2.5.1). Please see Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.2.5.2	Master Record	Does the Solution support the import of specified data from the person's master record? Please describe.	Y	Yes	Supplier will ensure its SVRS fulfills the Requirement. For information on how SVRS handles Positions and Position Holders please see 4.3.2 Election Admin, EA-2.2 Manage Offices (GA-12.4.2.1) (GA-12.4.2.2) (GA-12.4.2.3) (GA-12.4.2.3.1) (GA-12.4.2.3.2) (GA-12.4.2.3.3) (GA-12.4.2.4) (GA-12.4.2.4.1) (GA-12.4.2.4.2) (GA-12.4.2.5.2). Additionally, on the Voter Record a user can select the "Election Officials" button to view the list of position holders for a particular voter. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.2.6	Member Address Labels	Does the Solution provide the ability to generate and print labels containing the member's addresses? Please describe.	Y	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS allows a search and extract data that can be used to print labels or report member information, depending on the business needs more specific standardized reports or correspondences can be created easily (GA-12.4.2.6) (GA-12.4.2.7) (GA-12.4.2.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirements.
GA-12.4.2.7	Report of Member Contact Information	Does the Solution provide the capability to generate a report of contact names, titles, addresses, etc.? Please describe.	Y	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS allows a search and extract data that can be used to print labels or report member information, depending on the business needs more specific standardized reports or correspondences can be created easily (GA-12.4.2.6) (GA-12.4.2.7) (GA-12.4.2.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the Requirement.
GA-12.4.2.8	Signature Capture	Does the Solution provide the ability to capture electronic signatures (i.e. signature images) for members? Please describe.	Y	Yes	Supplier will ensure its SVRS fulfills the Requirement. Candidate allows for image capture; this can be expanded into Position holder—but is not currently a feature of that module; image storage options are expandable into Positions (GA-12.4.2.8) Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.2.9	Member Correspondences	Does the Solution provide the ability to generate correspondences to members? Please describe.	Y	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS allows a search and extract data that can be used to print labels or report member information, depending on the business needs more specific standardized reports or correspondences can be created easily (GA-12.4.2.6) (GA-12.4.2.7) (GA-12.4.2.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.

GA-12.4.2.10		Deactivation of Positions	Does the Solution support the deactivation of Positions? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Positions have the option to be "deleted" in SVRS; however, this is really an archive process which removes the position from the front-end UI and reporting. (GA-12.4.2.10) Current position holders become "Former Representatives" when their term End Date is populated—this can happen due to loss of an election, retirement, or other means of vacating a position. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.2.11		Removal From Position	Does the Solution support the removal of a Position holder, and record the reason for removal? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. Currently the system simply defines the End Date of a Position Holders term. Reason Codes can be added to express if it was due to loss of election, retirement, death, withdrawal, recall, etc. (GA-12.4.2.11). The solution will be configured to meet the criteria of the Requirement.
GA-12.4.3		Office Contact Information					
GA-12.4.3.1	S	Maintain Election Office Contact Information	Does the Solution provide the ability to maintain election office contact information? Please describe.	Y	Code of Virginia 24.2-404	Yes	Supplier will ensure its SVRS fulfills the Requirement. In the Jurisdiction details section of System Configuration, users can enter the jurisdiction contact and operating hours. (GA-12.4.3.1) (GA-12.4.3.1.1) (GA-12.4.3.7) (GA-12.4.3.8). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots.
GA-12.4.3.1.1	S	General Registrar's office	Does the Solution allow the ability to maintain contact information related to the office conducting elections for a locality, e.g. a general registrar's office and satellite offices? Please describe.	Y	Code of Virginia 24.2-404	Yes	Supplier will ensure its SVRS fulfills the Requirement. In the Jurisdiction details section of System Configuration, users can enter the jurisdiction contact and operating hours. (GA-12.4.3.1) (GA-12.4.3.1.1) (GA-12.4.3.7) (GA-12.4.3.8). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots.
GA-12.4.3.2	S	Satellite Offices	Does the Solution provide the ability to maintain a list of satellite locations that provide election services? Please describe.	P	Code of Virginia 24.2-701.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. The ability to define contact information for multiple, year-round satellite locations outside of an election event is not currently in SVRS. However, users would be able to use SVRS if the staff and site are provided access via user management and/or Single Sign-On (SSO) integration. Another variant of a satellite office is a sub-jurisdictional user, who only have access to a particular district within a locality, can be created in SVRS. This allows these users the ability to manage an election and generate poll lists, issue and manage ballots for the assigned district—but keep other parts of the system either blocked or read-only. This is more common in larger jurisdictions for city district special elections (GA-12.4.3.2). Please see Supplier's Supplemental Word document. Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.3.3		Export Directory Information	Does the Solution provide the ability to export directory information, including GR office and satellite specifics? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. GR offices and satellite office directory information can be extracted thru Election Analytics (GA-12.4.3.3). The solution will be configured to meet the criteria of the Requirement.
GA-12.4.3.4		Import Directory Information	Does the Solution provide the ability to import directory information, including GR office and satellite specifics? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Importing would be done during implementation and maintenance would be via SSO or manual user interaction (GA-12.4.3.4). Integration with Active Directory (AD) would be a type of import as well. Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution provides an import process if necessary, but will need to be build out. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.3.5		Office Capabilities	Does the Solution provide the ability to list the services provided by the locations? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Election locations can provide services to voters; full or partial services. For more information on Locations in SVRS, see please see 4.3.3 Establish Voting Locations (GA-12.4.3.5). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.3.6		Maintain Other State's Election Office Contact Information	Does the Solution provide the ability to maintain other state's election office contact information, within the solution? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. The ability to define contact information for other states is on the SVRS roadmap, this is a System Configuration development item, and is planned to be implemented for the use of contacting other states for any reason that is deemed appropriate for the Commonwealth of Virginia (GA-12.4.3.6). The solution maintains a list behind the scenes, but the solution will need to be build out on the front end. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.3.7	S	Office Schedules	Does the Solution provide the ability to maintain a list of schedules for each office, including satellites, listing the days and times of operation? Please describe.	Y	Code of Virginia Title 24.2 Chapter 4 Article 3 GREB Handbook Chapter 1	Yes	Supplier will ensure its SVRS fulfills the Requirement. In the Jurisdiction details section of System Configuration, users can enter the jurisdiction contact and operating hours. (GA-12.4.3.1) (GA-12.4.3.1.1) (GA-12.4.3.7) (GA-12.4.3.8). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will be configured to meet the criteria of the Requirement.
GA-12.4.3.8	S	Daily Hours of Operation	Does the Solution provide the ability to associate the hours of operation to each schedule, by day of the week? Please describe.	Y	Code of Virginia Title 24.2 Chapter 4 Article 3 GREB Handbook Chapter 1	Yes	Supplier will ensure its SVRS fulfills the Requirement. In the Jurisdiction details section of System Configuration, users can enter the jurisdiction contact and operating hours. (GA-12.4.3.1) (GA-12.4.3.1.1) (GA-12.4.3.7) (GA-12.4.3.8). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. The solution will copy office hours and will need to be individualized as needed. The solution will be configured to meet the criteria of the Requirement.

GA-12.4.3.9		Locality Labels	Does the Solution provide the ability to generate and print locality labels? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Labels and envelopes can be printed in SVRS, the specific-business need may need to be configured for Commonwealth of Virginia (GA-12.4.3.9). Please see Supplier's Supplemental Word Document to Attachment A, Section 4.3.13.4 for more details and screenshots. This will need to be build out. The solution will be configured to meet the criteria of the Requirement.
GA-12.5		Maintenance, Documentation and Training					
GA-12.5.1		Training					
GA-12.5.1.1		Environments	Does the Solution support the transparent creation of environments for training purposes? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS supports the transparent creation of training environments. We create environments in the cloud using scripts. To this automated process we follow with a process of tightening the platform for security using security guidelines/check lists and vulnerability reports. Our Continuous Integration Continuous Deployment (CI/CD) process which includes the creation of Docker images and together with our microservice architecture deployed in Docker Containers can automatically release the application (images and other artifacts) to the newly created training environment by just modifying the configuration of our CI/CD pipelines to point to the proper environment (GA-12.5.1.1).
GA-12.5.1.2	S	Upgrade Without Data Loss	Does the Solution support an upgrade without loss of data in training environments, i.e. upgrading training environments without refreshing their data from production? Please describe.	Y	Code of Virginia 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. The data for the training environment is created using day zero scripts where we configure the training jurisdiction(s), code tables, etc. This is a separate process from the creation of the environment per se. When upgrading training environments, we do not need to refresh the data from the production environment. (GA-12.5.1.2).
GA-12.5.2		Documentation					
GA-12.5.2.1	S	Multi-channel Documentation	Does the solution provide documentation using different channels including print or print-ready (e.g. PDF) as well as online, contextual help facilities? Please describe.	P	Code of Virginia 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS provides documentation using multiple channels, being the most common printing with options for PDF or actual printing to paper. (GA-12.5.2.1). The solution will be configured to meet the criteria of the Requirement.
GA-12.5.2.2	S	Single Source Authoring	Does the solution use single-source authoring to ensure all distribution channels are kept up to date with the same information? Please describe.	Y	Code of Virginia 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. The current state of the system is in the transactional database. This is the single source of information for the distribution channels. The state of the system is replicated in our Data Lake solution in near real time for data analytics and some reporting purposes. (GA-12.5.2.2). Currently, the Supplier is developing the system Help files. The solution will be configured to meet the criteria of the Requirement.
GA-12.5.2.3	S	Technical Documentation	Does the solution provide technical documentation, i.e., for release notes, technical architecture, etc.? Please describe.	Y	Code of Virginia 24.2	Yes	Supplier will ensure its SVRS fulfills the Requirement. Our agile Process principles value the product over documentation. But we also understand that we need to comply with the client requirements. We use Microsoft DevOps to manage our requirements in the form of Epics, Features, User Stories and Tasks. Here we also have a place to attach technical and functional designs to implement the features. We use the DevOps Repository to manage our source code. The DevOps pipelines for building and deploying the application are a set of scripts that help automate this process. Beside this we have developed a set of technical and functional documents such as Software Design Document, Application Design Document, Security Test Documents, Technical Infrastructure Design, Step by Step guidelines for the building and deploying environments, Change Control for Releasing (CCR) documents, etc. (GA-12.5.2.3).
GA-12.6		System		Y			
GA-12.6.1		System Design					
GA-12.6.1.1	S	Migration	Does the Solution provide for the retention of historical data from VERIS and SVRS, and make it available to users? Please describe.	Y	LVA Records Retention Specific Schedule No. 132-020 SBE	Yes	Supplier will ensure its SVRS fulfills the Requirement. Our data migration process includes retention of historical data from VERIS and SVRS. This data can be available to users using query tools to view them in their native format. Since we are converting this data to our Data Model, we also provide access to the converted data via our data analytics service or via the application for viewing the current state of the system. (GA-12.6.1.1).
GA-12.6.1.2		Configurable	Does the Solution provide configurability to avoid the need to make a code change whenever possible? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS Architecture from the design implements configurability as much as possible. We can configure the application functionality, user permissions, code tables data. With this feature we can modify the application behavior without making code changes. Of course, there will be times where a new functionality or a modification to process flows are needed that will require code changes. In this case we follow Agile process to schedule and deliver these modifications incrementally without affecting the application. Only the affected microservice (modules) will be re-deployed in real time. We do not need to re-deploy the entire application just because one module changed. We just deploy the affected components. (GA-12.6.1.2).
GA-12.6.2		System Alerts		Y			
GA-12.6.2.1		Notification System for System Failure	Does the Solution provide a standardized notification system to manage the communication pathway if any critical functions and public-facing systems fail, including the ability to provide onscreen messaging and alerts to users? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS has standard communication channels. One is the application messages displayed on the user screen letting the user know what the action is to perform, or information about their transactions. The other channel of notifications is for system notifications. Our Infrastructure architecture includes a standard notification via email of any security risks, or performance of the application. Users with the role of administrators or appropriate privileges receive these notifications so they can react to them in a timely manner to avoid issues such as performance degradation, attacks, etc. We also offer a real time monitoring visualization windows help in determining when and what microservice is not performing as expected. (GA-12.6.2.1)

"Official" RFP #s	Federal, State, Regulatory	ELECT Specification Title	Requirement	Implementation Status Yes (Y) Partial (P) Future (F) No (N)	Reference links to fulfill the listed requirement. <i>The links to any Federal, State or Regulatory requirements are provided for the Supplier to reference and review to ensure compliance.</i>	ELECT Must Have	ELECT Proposed Final Contract language/remaining questions/clarifications
External Interfaces (18)							
El-13.1	F, S, R	Database Access					
El-13.1.1		Standard Database	Does the Solution use a database which can be integrated with and queried using industry-standard tools? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section 4.3.13.7 External Interfaces SVRS data layer architecture includes a Transactional Relational Database: Microsoft SQL Server Database for storing the transactional records, therefore keeping the current state of the system. We can access this database from the application views or using industry standard tools such as Microsoft SQL Server Management Studio (SSMS). We replicate this database in our data repository (Data Lake) to avoid performance issues with the application that uses the Transactional database. We strongly recommend not to query directly the Transactional database, instead fetch or extract data from the replica database or any of the pother artifacts in the data lake. The user can use the tool of his preference (PowerBI, ****, etc.) to access the data from the Data Lake, making this very flexible and tool independent solution. This read only data lake provides the users with reporting and data analytics features such as Voter 360, in which we can get answers to questions such as what happened to this Voter after the las election? In other words, we view the state of the system at any time in point since the implementation of the Solution. (EI-13.1.1).
El-13.1.2		Encrypted Database	Does the Solution provide a database which has the capability to encrypt the data? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS uses industry standards for data encryption. We encrypt data at rest and in transit. We encrypt data at rest using Transparent Data Encryption (TDE) with in MS SQL Server database. TDE encrypts the storage of an entire database by using a symmetric key called the database encryption key. The figure below shows the architecture for TDE. Our Security Microservice encrypts the passwords using sha512 as specified in FIPS 180-4 and NIST SHS standards (SHA-2 type). (EI-13.1.2)
El-13.1.3		Ad-hoc	Does the Solution provide an interface to run ad-hoc queries of any data in the system, and placed in an industry-standard format (e.g. CSV, Excel, JSON)? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Any user with the right privileges can perform ad-hoc queries, preferable in the data lake of our Reporting/Data Analytics service. The results can be rendered as CSV, Excel, JSON or any standard format. (EI-13.1.3)
El-13.2		Data Import					
El-13.2.1	S	Fixed Format for Voter Eligibility Data File Import	Does the Solution ingest file imports in a format prescribed to include, but not be limited to, the following data providers, who, according to Code, provide information to verify voter eligibility: 1) Bureau of Vital Statistics (BVS) 2) Courts: The U.S. District Courts, local Circuit Courts, other states' District/Circuit Courts 3) Federal Courts 4) United States Postal Service (USPS) 5) Virginia State Police (VSP) 6) Department of Motor Vehicles (DMV) Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 4	Yes	Supplier will ensure its SVRS fulfills the Requirement. As mentioned above, SVRS ingests file imports in pre-determined formats, and we can configure it to support files from (given their file format and structure): 1) Bureau of Vital Statistics (BVS) - For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Supplier's Supplemental Word Document to Attachment A.docx, section Deceased Check. 2) Courts: The U.S. District Courts, local Circuit Courts, other states' District/Circuit Courts 3) Federal Courts - For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Supplier's Supplemental Word Document to Attachment A.docx, section Adjudicated Incapacitated Check. 4) United States Postal Service (USPS) - For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Supplier's Supplemental Word Document to Attachment A.docx, section Change of Address (COA). 5) Virginia State Police (VSP) - For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Supplier's Supplemental Word Document to Attachment A.docx, section Felon Check. 6) Department of Motor Vehicles (DMV) - For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Supplier's Supplemental Word Document to Attachment A.docx, section Non-Citizenship Check. (EI-13.2.1) The current SVRS functionality DOES support the ingestion of file imports and requires only configuration regardless of file format and structure. Our Data Intregation Services would be configured to ingest agency files (ex: 1) Bureau of Vital Statistics (BVS) 2) Courts: The U.S. District Courts, local Circuit Courts, other states' District/Circuit Courts 3) Federal Courts 4) United States Postal Service (USPS) 5) Virginia State Police (VSP) 6) Department of Motor Vehicles (DMV). Business Rules and Validations to transform and process data and to trigger pre-defined notices or workflows would need to be created. The Canton Group will meet VA ELECT requirements prior to GoLive. The Canton Group will conduct Fit-GAP analysis from the current design and implement the appropriate solution to meet Virginia needs. "PARTIAL" is the indication of the need to perform Fit-GAP during implementation. The solution will be configured to meet the criteria of the Requirement.
El-13.2.2		Fixed Format for Polling and Voter Credit File Import	Does the Solution ingest file imports in a format prescribed to include, but not be limited to, the following applications? 1) Desktop Application for General Registrars (DAGR) 2) Pollbook 3) Excel and CSV Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS also can integrate to import files from external systems, programs or devices such as: Desktop Application for General Registrars (DAGR) Pollbook Excel and CSV (EI-13.2.2) Similar to requirement 13.2.1, Will need to know the data pay load. The solution can ingest any type of file format and can be configured to accept the data ingested. The solution will be configured to meet the criteria of the Requirement.
El-13.2.3	F	Data Validation	Does the Solution provide the capability to validate all data prior to ingesting? Please describe. (Example validations: completeness, expected data type and range, uniqueness, size, address validation) Please describe.	Y	NIST.SP.1500-100	Yes	Supplier will ensure its SVRS fulfills the Requirement. Our External Integration Service puts little logic in the endpoint. This logic is for archiving input files to preserve in their original them for audits, data format and type validations such as date formats, numeric fields, enumerations, etc. It also performs structural validation to make sure the data formats are well formed such as XML, JSON or Fixed Length, CSV (EI-13.2.3).
El-13.2.4	F	Thresholds for Data Ingestion	Does the Solution provide the authorized user with the capability to set a configurable threshold for amount of data allowed to be ingested from an external source in a single operation, as a precaution to avoid system performance problems? Please describe.	P	NIST.SP.1500-100	Yes	Supplier will ensure its SVRS fulfills the Requirement. By default, the External Integration service tries to ingest all the data from the third parties. If the third party allows for chunking the input data, then we can support message correlation process to determine how many chunks the original data contains and wait until all chunks are received and the re-create the original data with all the chunks. (EI-13.2.4)
El-13.3		Data Export					
El-13.3.1	S	Fixed Format for Required File Exports	Does the Solution provide file exports in a format prescribed to include, but not be limited to, the following data consumers, for information required by Code? 1) Election Night Reporting System 2) Jury Pool 3) Pollbook Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 1 (24.2-105.1) Code of Virginia - TITLE 24.2, Chapter 4 (24.2-407.1) Code of Virginia - TITLE 24.2, Chapter 6 (24.2-611)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS also can export files to external systems, programs or devices such as: Election Night Reporting System Pollbook Excel and CSV All this data formats have to be configured or implemented during implementation time (EI-13.3.1).

EL-13.3.2		Fixed Format for File Exports to Data Consumers	Does the Solution provide file exports in a format prescribed to include, but not be limited to, the following data consumers: 1) Fairfax Service 2) Desktop Application for General Registrars (DAGR) 3) Custom Membership Administration Portal (MAP)? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS supports fixed length file formats and can be configured during implementation to support formats from: Fairfax Service Desktop Application for General Registrars (DAGR) Custom Membership Administration Portal (MAP) (EI-13.3.2) Data exports can be done using the External Interfaces service or via extracts using the Data Analytics module. The solution can export using the firm's interfaces. Transformation can be graphical and coding for specific mappings. The solution will be configured to meet the criteria of the Requirement.
EI-13.3.3	F	Data Extract Method	Does the Solution provide the capability to schedule a file extract, or accept manual requests of file extracts, where the extract results must be available in a configurable location? Please describe.	P	NIST.SP.1500-100	Yes	Supplier will ensure its SVRS fulfills the Requirement. Using our Job Scheduler, we can configure a job to trigger a job to execute or call an API to perform file extracts. Then the Outbound Interface of the External Interfaces services sends the file to a pre-determined configurable location (EI-13.3.3).
EI-13.3.3.1	F	Thresholds for Data Extraction	Does the Solution provide the authorized user with the capability to set a configurable threshold for amount of data allowed to be extracted in a single operation, as a security precaution? Please describe.	P	NIST.SP.1500-100	Yes	Supplier will ensure its SVRS fulfills the Requirement. The Job Scheduler is configurable and can pass values to the process that performs the data file extract. We will expand this to add a setting to configure the amount of data that can be extracted from the system in a single data extraction process (EI-13.3.3.1).
EI-13.3.4	F	National Institute of Standards and Technology (NIST) Compliant Files	Does the Solution provide the capability to generate files, compliant with the National Institute of Standards and Technology (NIST)? Please describe.	P	NIST.SP.1500-100	Yes	Supplier will ensure its SVRS fulfills the Requirement. Given the great expandability and configurability of SVRS, our External Interfaces Microservice can be set to support Election Results Common Data Format Specification Version 1.0 as defined by NIST Special Publication 1500-100 (EI-13.3.1).
EI-13.4							
API Integration							
EI-13.4.1	F, S,	Data API Interface	Does the Solution provide an API interface to integrate and share data with multiple external systems? Please describe.	Y	NIST.SP.1500-100	Yes	Supplier will ensure its SVRS fulfills the Requirement. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section 4.3.13.7 External Interfaces. Our External Interfaces Microservice provides Inbound API interface supporting multiple protocols such as REST API, SOAP, Queues and SFTP. (EI-13.4.1).
EI-13.4.2	S	Data Ingestion API for Voter Eligibility Data	Does the Solution provide the authorized user with the capability to call an external API and ingest results from the Electronic Registration Information Center (ERIC)? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 4, Article 2 (24.2-404, 404.3, 404.4, 404.5)	Yes	Supplier will ensure its SVRS fulfills the Requirement. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section 4.3.13.7 External Interfaces. Data integration with ERIC via an external API can be configured in our External Interfaces Microservice, as any other external third-party system (EI-13.4.2). The solution does not offer a file base integration. The solution should be able to access API and integrate a system authentication.
EI-13.4.3	F, S	API for Ingesting Required Files	Does the Solution provide the capability to call an external API and ingest the results to include, but not be limited to, the following providers: 1) Citizen Portal 2) Department of Motor Vehicles (DMV) 3) Smarty Streets Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 1 (24.2-105.1)	Yes	Supplier will ensure its SVRS fulfills the Requirement. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section 4.3.13.7 External Interfaces We can integrate via API to other systems as well. Some of these systems are for example: Citizen Portal Department of Motor Vehicles (DMV) Smarty Streets This is a process that can be done during implementation or prior to it once we know the data format and the external party API protocols (EI-13.4.3). Integration is done in Real Time. The firm will need to know Elect's specifications to integrate. FTP is used for file base ingestion.
EI-13.4.4	S	API for Data Transfer	Does the Solution provide the capability to call an external API and export results to include, but not be limited to, the following providers: 1) Enhanced Voting/MyBallot 2) Democracy Works/Ballot Scout 3) Committee Electronic Tracking (COMET) 4) Secure Access Portal (SAP) 5) Client Services Interface 6) Voting Information Project (VIP) 7) Voter Photo Id (VOPHID) 8) Soch, Inc. (Integra) Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 4 (24.2-405)	Yes	Supplier will ensure its SVRS fulfills the Requirement. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section 4.3.13.7 External Interfaces. The same way we can integrate for data ingestion via API, the External Interface Microservice can be configured to integrate via external third-party APIs to export data. Some of these third-party systems could be: Enhanced Voting/My Ballot Democracy Works/Ballot Scout Committee Electronic Tracking (COMET) Secure Access Portal (SAP) Client Services Interface Voting Information Project (VIP) Voter Photo Id (VOPHID) Soch, Inc. (Integra) (EI-13.4.4) The solution offers a module to generate data to transfer API. This would be accomplished during the implementation phase.
EI-13.5		Data Type	-				
EI-13.5.1	F	Ingest or Extract Character Data Formats	Does the Solution provide the capability to ingest or extract character data in the UTF-8 character set, as well as BLOB data such as images? Please describe.	P	NIST.SP.1500-100	Yes	Supplier will ensure its SVRS fulfills the Requirement. Our External Interfaces Microservices supports ingestion in UTF-8 for character-based information and BLOB for binary data (images, etc.) (EI-13.5.1).
EI-13.5.2	S	Department of Motor Vehicles (DMV) Felon and Mentally Incapacitated Questions	Does the Solution provide the capability to validate that the Department of Motor Vehicles (DMV) application includes felony and mentally incapacitated questions, regardless if previously answered? Please describe.	P	Code of Virginia - TITLE 24.2, Chapter 4	Yes	Supplier will ensure its SVRS fulfills the Requirement. During implementation we will develop an external interface process to answer questions from the DMV for Felons and Mentally Incapacitated regardless if previously answered (EI-13.5.2). A data file coming into the system can be classified and split. The system can ingest the data and look to see what to do with the data. This would be accomplished during the implementation phase.

"Official" RFP #'s	Federal, State, Regulatory	ELECT Specification Title	Requirement	Implementation Status Yes (Y) Partial (P) Future (F) No (N)	Reference links to fulfill the listed requirement. <i>The links to any Federal, State or Regulatory requirements are provided for the Supplier to reference and review to ensure compliance.</i>	ELECT Must Have	ELECT Proposed Final Contract language/remaining questions/clarifications
Maintain Geographic Data (49)							
MGD-14.1	F, S, R	Plan Management					
MGD-14.1.1		Plan Management Types	Does the Solution allow the user to manage current, proposed, and historical geographic plans? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS GIS Service provides Production and Staging environment to manage current (officially published) and proposed plan types separately. Staff creates a proposed plan using the copy of current plan. When the proposed plan is ready to be published, the staff ***** the plan from Staging to Production. During the migration, the solution creates an archive of the current plan and merges the proposed with the current plan and published the results. The historical plans are associated with a user defined names and plan effective dates; Staff uses these attributes to load these plans into Map view as needed in the future. Staff may refresh the current plan with a most recent historical plan if issues were found. Authorized Staff removes any unused geographical plans. (MGD-14.1.1, MGD-14.1.2). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Plan Management.
MGD-14.1.2		Plan Operations	Does the Solution allow for the creation, refresh, merge, and removal of geographic plans? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS GIS Service provides Production and Staging environment to manage current (officially published) and proposed plan types separately. Staff creates a proposed plan using the copy of current plan. When the proposed plan is ready to be published, the staff ***** the plan from Staging to Production. During the migration, the solution creates an archive of the current plan and merges the proposed with the current plan and published the results. The historical plans are associated with a user defined names and plan effective dates; Staff uses these attributes to load these plans into Map view as needed in the future. Staff may refresh the current plan with a most recent historical plan if issues were found. Authorized Staff removes any unused geographical plans. (MGD-14.1.1, MGD-14.1.2). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Plan Management.
MGD-14.1.2.1	F	Authorized User Access Control	Does the Solution provide the authorized user with the capability to perform operations that must be restricted through the use of Role Based Access Control (RBAC)? Please describe.	Y	508 Access and Guidelines and Standards Reference	Yes	Supplier will ensure its SVRS fulfills the Requirement. The solution provides a Role Based Access Control, the user role types are as follows (MGD-14.1.2.1): <ul style="list-style-type: none"> • Viewer - View items such as maps. • Data Editor - Viewer privileges plus the ability to edit features shared by other users. • Publisher - User privileges plus the ability to publish features and map tiles as hosted web layers. • Administrator - Publisher privileges plus privileges to manage the organization and other users. For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Plan Management.
MGD-14.1.3		Bulk Moves of Address, Precinct and Districts	Does the Solution provide the ability to perform bulk address, precinct, and district moves? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. GIS Service offers Staff the ability to bulk modify address, precinct, and district plans with the use of ***** Data (import), ***** Editor, and *****s. (MGD-14.1.3). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Plan Management.
MGD-14.1.4		Identity Impact	Does the Solution provide for the ability to identify addresses impacted by a change? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As precinct, precinct-splits, and district plans are changed, the GIS service performs spatial analysis to determine the addresses that are impacted by the change. The results of the spatial analysis are loaded into an impact analysis table. The impact analysis table is merged with the voter residential address data to determine the impacted voters. (MGD-14.1.4). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Plan Management.
MGD-14.1.5	S	Audit Log	Does the Solution provide for any changes to a current plan to be audit logged, subject to records retention policies? Please describe.	Y	Virginia Public Records Act LVA Manual Virginia FOIA Advisory Council AO-300	Yes	Supplier will ensure its SVRS fulfills the Requirement. The changes to the current plans are logged into the Journal Table and retained per Virginia policies. (MGD-14.1.5). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Plan Management.
MGD-14.2		Maintain Addresses					
MGD-14.2.1		Search and Filter for Address Points, Segments	Does the solution provide the ability to search and filter for address points, segments, alias names, etc.? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. GIS Service provides on the map dynamic search (similar to google address search) to locate address within county (MGD-14.2.1). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Address. The solution provides and can extract a wide range of addresses and can provide specific to a district or a precinct and mailing addresses and commercial addresses. The solution can also track alias names.
MGD-14.2.2		Import Address Point and/or Street Segment Updates	Does the Solution provide the ability to import planned address points and/or street segment updates? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Authorized Staff can import using ***** Data ***** , as shown in See Supplier's Supplemental Word Document to Attachment A.docx, Figure 54: ***** Data, a wide variety of GIS formats such as but not limited to: Shapefile (SHP), Keyhole Markup Language (KML), File Geodatabase (GDB) or GeoPackage, Layers (LYR), OpenStreetMap (OSM), and ArcGIS. (MGD-14.2.2). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Address.

MGD-14.2.3		Associate Addresses	Does the Solution provide the capability to associate point features with addresses? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in See Supplier's Supplemental Word Document to Attachment A.docx Figure 56: GIS Update Address, user can select and manually adjust the geocoordinates of an address using the map layers as the reference. (MGD-14.2.3, MGD-14.2.4, MGD-14.2.5, MGD-14.2.6). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Address.
MGD-14.2.4		Geocode Addresses	Does the Solution provide the capability to geocode (i.e., generate x,y coordinates) from an address? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in See Supplier's Supplemental Word Document to Attachment A.docx Figure 56: GIS Update Address, user can select and manually adjust the geocoordinates of an address using the map layers as the reference. (MGD-14.2.3, MGD-14.2.4, MGD-14.2.5, MGD-14.2.6). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Address.
MGD-14.2.5		Address Point Placement or Correction Using Maps	Does the Solution allow for address point placement and/or correction utilizing maps, with the ability to visually identify out of boundary addresses? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in See Supplier's Supplemental Word Document to Attachment A.docx Figure 56: GIS Update Address, user can select and manually adjust the geocoordinates of an address using the map layers as the reference. (MGD-14.2.3, MGD-14.2.4, MGD-14.2.5, MGD-14.2.6). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Address.
MGD-14.2.6		Manual Adjustment of Geocode	Does the Solution provide the visual capability to adjust the coordinates of a geocoded address point? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in See Supplier's Supplemental Word Document to Attachment A.docx Figure 56: GIS Update Address, user can select and manually adjust the geocoordinates of an address using the map layers as the reference. (MGD-14.2.3, MGD-14.2.4, MGD-14.2.5, MGD-14.2.6). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Address.
MGD-14.2.7		View Each Shapefile Layer	Does the Solution provide the ability to toggle the viewing of the shapefile layers and render the draw order of the maps? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. GIS Service's Layers List *****, as shown in See Supplier's Supplemental Word Document to Attachment A.docx Figure 57: GIS Layer List, allows Staff to toggle the viewing of the shapefile layers and render the draw order of the maps. The Layers List ***** also allows to overlap the state and locality level shapefiles by adjusting their visibility. (MGD-14.2.7, MGD-14.2.7.1). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Address.
MGD-14.2.7.1		Overlap Shape Files	Does the Solution provide the ability to overlap state and locality level shapefiles? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. GIS Service's Layers List *****, as shown in See Supplier's Supplemental Word Document to Attachment A.docx Figure 57: GIS Layer List, allows Staff to toggle the viewing of the shapefile layers and render the draw order of the maps. The Layers List ***** also allows to overlap the state and locality level shapefiles by adjusting their visibility. (MGD-14.2.7, MGD-14.2.7.1). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Address.
MGD-14.2.8		Geocode Metadata	Does the Solution provide for the storage of metadata related to the geocoded address, including date of the geocode, the geocode service used, the data set used to geocode the address, and the level of accuracy? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. GIS Service uses ArcGIS World Geocoding Service to receive metadata about the address including date of the geocode, the geocode service used, the data set used to geocode the address, and the level of accuracy. Team Canton can preserve the metadata in auxiliary table and associate it the address (MGD-14.2.8). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Address. The solution will be configured to meet the criteria of the Requirement.
MGD-14.2.9	F	Standardize Address	Does the Solution provide the capability to standardize addresses to an accepted standard? Please describe.	Y	NCOA	Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in See Supplier's Supplemental Word Document to Attachment A.docx Figure 55: ***** Data Map Columns, ***** Data provides Staff to map the incoming data fields to the SVRS standardized address format (MGD-14.2.9). SVRS solution validates the incoming plan meets the data validations rules such as data type, field length, mandatory, and so on (MGD-14.2.10). SVRS Voter, Election, and other domains uses the SVRS GIS and Geo Services to geocode and standardize and validate incoming address. For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Address.
MGD-14.2.10		Validate Address	Does the Solution provide the capability to validate that an address meets requirements? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in See Supplier's Supplemental Word Document to Attachment A.docx Figure 55: ***** Data Map Columns, ***** Data provides Staff to map the incoming data fields to the SVRS standardized address format (MGD-14.2.9). SVRS solution validates the incoming plan meets the data validations rules such as data type, field length, mandatory, and so on (MGD-14.2.10). SVRS Voter, Election, and other domains uses the SVRS GIS and Geo Services to geocode and standardize and validate incoming address. For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Address.
MGD-14.2.11		Support Address Aliases	Does the Solution provide the ability to link alias addresses to the canonical address, and specify the purpose of the alias? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in See Supplier's Supplemental Word Document to Attachment A.docx Figure 59: Geo Address Search, Figure 60: Create Geo Address, and Figure 61: Geo Address Detail locality using SVRS Geo Service can complete address maintaining activities without GIS. Staff can manually associate street alias to address (MGD-14.2.11). The solution will be configured to meet the criteria of the Requirement.

MGD-14.2.12		Support Residential Address Metadata	Does the Solution provide the ability to associate an address with metadata, including address zoning, temporary housing status, etc.? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in See Supplier's Supplemental Word Document to Attachment A.docx Figure 58: GIS Address Meta Data, SVRS solution supports tracking metadata zoning information to define ineligible addresses (e.g., government addresses or commercial addresses), other elements such as Mailing Address Required (e.g., PO Box) or to define that a Unit No. is needed for an address. Temporary Housing is not currently included but it can be very easily added. (MGD-14.2.12). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Address. The solution will be configured to meet the criteria of the Requirement.
MGD-14.2.12.1		Returned Mail Metadata	Does the Solution provide the ability to associate an address with the metadata of when and why mail was last returned? Please describe.	F		Yes	Supplier will ensure its SVRS fulfills the Requirement. Currently, SVRS solution captures the when and why mail was last returned on the voter record however Team Canton can capture this additionally on the residential address as well (MGD-14.2.12.1). The solution will be configured to meet the criteria of the Requirement.
MGD-14.2.13		Create and Update Central Absentee Precincts (CAP)	Does the Solution support the creation and maintenance of Central Absentee Precincts (CAP)? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS Vote Location Services, allows staff to setup Central Absentee Precincts, conduct survey, and assign eligible locations to elections.
MGD-14.3		Maintain District Boundaries					
MGD-14.3.1		Adjust District Boundaries	Does the Solution provide the capability to adjust district boundaries? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in Supplier's Supplemental Word Document to Attachment A.docx Figure 63: *****, Staff can adjust the district boundaries using the **** Editor. (MGD-14.3.1). For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Maintain District Boundaries.
MGD-14.3.2		District Feature Class	Does the Solution support the importation, creation, and archiving of districts as geographic features? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS GIS Service using the **** Data ****, ELECT and Locality can import district boundaries from external agencies. **** Data **** allows Staff to map the incoming file to SVRS standard columns. SVRS validates the incoming file meets the data validation specification for required, field data types, and so on. (MDG-14.3.2). As shown in Supplier's Supplemental Word Document to Attachment A.docx Figure 62: Click Start to Create District, Staff can also create district boundaries for the standard district types. (MGD-14.3.2). For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Maintain District Boundaries.
MGD-14.3.3		District Documentation	Does the Solution support the association of district documentation in unstructured (e.g. image, PDF), as well as structured text? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Staff can attach documentation (e.g., image and pdf) to the district boundaries, as shown in Supplier's Supplemental Word Document to Attachment A.docx Figure 64: Attach Image to ShapeFile below. (MGD-14.3.3). As shown in Supplier's Supplemental Word Document to Attachment A.docx Figure 65: Look up District Associations, Staff can look up precinct and precinct-splits associated with the district boundary. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Maintain District Boundaries.
MGD-14.3.4		District *****	Does the Solution support the creation and enforcement of topological rules related to districts? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS GIS Service using the ***** supports configuration of ***** for districts such as districts of same type cannot overlap boundaries (MGD-14.3.4). For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Maintain District Boundaries.
MGD-14.4		Maintain Precinct Boundaries					
MGD-14.4.1	S	Assign Voters to Precincts	Does the Solution support the ability to import and to assign voters to precinct and precinct-splits? Please describe.	Y	Code of Virginia 24.2-307	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS solution provides auto-precinct service that standardizes the incoming residential address, determines the geocoordinates, and assigns precinct and precinct-splits based on geocoordinates (MGD-14.4.1). If auto-precinct service, failed to standardize or assign precinct-splits with high-level of confidence, the voter record is marked as 'Pending' with reason of pending precinct. Staff works the queue and manually assigns precinct and precinct-split (MGD-14.4.1.1). For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Precinct Boundaries.
MGD-14.4.1.1		Manual Selection of Voter Assignment	Does the Solution provide the ability to designate the method for which voter precinct and precinct-splits assignments are determined, i.e., GIS, address point, street segment, etc. Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS solution provides auto-precinct service that standardizes the incoming residential address, determines the geocoordinates, and assigns precinct and precinct-splits based on geocoordinates (MGD-14.4.1). If auto-precinct service, failed to standardize or assign precinct-splits with high-level of confidence, the voter record is marked as 'Pending' with reason of pending precinct. Staff works the queue and manually assigns precinct and precinct-split (MGD-14.4.1.1). For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Precinct Boundaries. The solution will be configured to meet the criteria of the Requirement.

MDG-14.4.2		Precinct Feature Class	Does the Solution support the importation, creation, and archiving of precincts as geographic features? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS GIS Service using the ***** Data *****. Locality can import precinct boundaries. ***** Data ***** allows staff to map the incoming file to SVRS standard columns. SVRS validates the incoming file meets the data validation specification for required, field data types, and so on. (MDG-14.4.2). As shown in Supplier's Supplemental Word Document to Attachment A.docx Figure 68: GIS Create Precinct, Staff can also create county, city, and town precinct boundaries. (MDG-14.4.2, MDG-14.4.5). As shown in Supplier's Supplemental Word Document to Attachment A.docx Figure 63; *****. Staff can adjust the precinct boundaries using the ***** Editor. (MDG-14.4.2). For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Precinct Boundaries.
MDG-14.4.3		Precinct Documentation	Does the Solution support the association of precinct documentation in unstructured (e.g. image, PDF), as well as structured text? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Staff can attach documentation (e.g., image and pdf) to the district boundaries, as shown in Supplier's Supplemental Word Document to Attachment A.docx Figure 64: Attach Image to ShapeFile. (MGD-14.4.3). For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Precinct Boundaries. The solution allows for attachments in GIS platform and the ability to add uploads from districts. GIS information can be added to non-GIS information. Additionally, the solution has a notes field to write in legal descriptions.
MDG-14.4.4		Precinct *****	Does the Solution support the ability to import, create, archive and enforcement of topological rules related to precincts? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS GIS Service using the ***** ***** supports configuration of ***** and demographic rules for precincts as shown below (MDG-14.4.4) - <ul style="list-style-type: none"> • Precincts cannot overlap boundaries. • Precincts has no area that is not covered by a precinct-split. • Each precinct is wholly contained within a single congressional district, Senate district, and House of Delegates district. (MDG-14.4.8) • Each precinct is wholly contained within an election district used for the election of one or more members of the governing body or school board for the county or city. (MDG-14.4.8) • A precinct contains no less than 'X' and no more than 'Y' registered voters; X and Y are defined at locality. (MGD-14.4.9.1) SVRS solutions logs the error (violation) of the ***** and demographic rules, the staff can review and fix the issues with boundaries. Locality can ignore the errors to accommodate for exceptions such as minimum population of registered voters for a precinct if the creation of a larger district would result in a precinct-split between the governing body and school board of the county or city, House of Delegates, state Senate, and United States House of Representatives. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Precinct Boundaries.
MDG-14.4.5	S	Multiple Precinct Features	Does the Solution allow for the assignment of voters to multiple precinct features? Please describe.	Y	Code of Virginia - TITLE 24.2 Chapter 3 (24.2-308)	Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in Supplier's Supplemental Word Document to Attachment A.docx Figure 68: GIS Create Precinct, Staff can also create county, city, and town precinct boundaries. (MDG-14.4.2, MDG-14.4.5). For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Precinct Boundaries.
MDG-14.4.6		Precinct Composition	Does the Solution allow for the ability to create, associate or link precincts from precinct-splits? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in Figure 69: Precinct Associations below, staff can look up district and precinct-splits associated with the precinct boundary. (MDG-14.4.6). For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Precinct Boundaries.
MDG-14.4.7	S	Prohibit Changes Close to Election	Does the Solution allow for a prohibition to changes to a current plan when the change is attempted within 60-days of a general election? Please describe.	F	OAG No. 06-014	Yes	Supplier will ensure its SVRS fulfills the Requirement. Currently, there is not explicit restriction on changes to precinct boundaries however for the Commonwealth of Virginia Team Canton can add option for locality administrator to set blackout periods for changes to precinct boundaries. (MDG-14.4.7). The solution will be configured to meet the criteria of the Requirement.
MDG-14.4.8	S	Prohibit Splits of Governing Body and School Districts	Does the Solution provide for enforcement of the following topological predicate - "A precinct must be wholly contained within an election district used for the election of one or more members of the governing body or school board for the city, county, or town"? Please describe.	Y	Code of Virginia - TITLE 24.2 Chapter 3 (24.2-307)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS GIS Service using the ***** ***** supports configuration of ***** and demographic rules for precincts as shown below (MDG-14.4.4) - <ul style="list-style-type: none"> • Precincts cannot overlap boundaries. • Precincts has no area that is not covered by a precinct-split. • Each precinct is wholly contained within a single congressional district, Senate district, and House of Delegates district. (MDG-14.4.8) • Each precinct is wholly contained within an election district used for the election of one or more members of the governing body or school board for the county or city. (MDG-14.4.8) • A precinct contains no less than 'X' and no more than 'Y' registered voters; X and Y are defined at locality. (MGD-14.4.9.1) SVRS solutions logs the error (violation) of the ***** and demographic rules, the staff can review and fix the issues with boundaries. Locality can ignore the errors to accommodate for exceptions such as minimum population of registered voters for a precinct if the creation of a larger district would result in a precinct-split between the governing body and school board of the county or city, House of Delegates, state Senate, and United States House of Representatives. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Precinct Boundaries.
					Code of Virginia - TITLE 24.2 Chapter 3 (24.2-308)		

MGD-14.4.9	S	Minimum and Maximum Populations	Does the Solution provide notice when the number of registered voters is less or greater than the allowed number, as a) a county precinct, when established, can contain no less than 100 and no more than 5,000 registered voters, and b) a city precinct, when established, can contain no less than 500 and no more than 5,000 registered voters? Please describe.	P	Code of Virginia - TITLE 24.2 Chapter 3 (24.2-307)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS GIS Service using the ***** supports configuration of ***** and demographic rules for precincts as shown below (MDG-14.4.4) - • Precincts cannot overlap boundaries. • Precincts has no area that is not covered by a precinct-split. • Each precinct is wholly contained within a single congressional district, Senate district, and House of Delegates district. (MDG-14.4.8) • Each precinct is wholly contained within an election district used for the election of one or more members of the governing body or school board for the county or city. (MDG-14.4.8) • A precinct contains no less than 'X' and no more than 'Y' registered voters; X and Y are defined at locality. (MGD-14.4.9.1) SVRS solutions logs the error (violation) of the ***** and demographic rules, the staff can review and fix the issues with boundaries. Locality can ignore the errors to accommodate for exceptions such as minimum population of registered voters for a precinct if the creation of a larger district would result in a precinct-split between the governing body and school board of the county or city, House of Delegates, state Senate, and United States House of Representatives. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Precinct Boundaries. The solution will be configured to meet the criteria of the Requirement.
MGD-14.4.9.1	S	Exception to Minimum Population	Does the Solution allow for the exception related to minimum population for precinct that permits a number of registered voters below the specified number, if the creation of a larger district would result in a precinct-split between the governing body and school board of the county or city, House of Delegates, state Senate, and United States House of Representatives? Please describe.	P	Code of Virginia - TITLE 24.2 Chapter 3 (24.2-309)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS GIS Service using the ***** supports configuration of ***** and demographic rules for precincts as shown below (MDG-14.4.4) - • Precincts cannot overlap boundaries. • Precincts has no area that is not covered by a precinct-split. • Each precinct is wholly contained within a single congressional district, Senate district, and House of Delegates district. (MDG-14.4.8) • Each precinct is wholly contained within an election district used for the election of one or more members of the governing body or school board for the county or city. (MDG-14.4.8) • A precinct contains no less than 'X' and no more than 'Y' registered voters; X and Y are defined at locality. (MGD-14.4.9.1) SVRS solutions logs the error (violation) of the ***** and demographic rules, the staff can review and fix the issues with boundaries. Locality can ignore the errors to accommodate for exceptions such as minimum population of registered voters for a precinct if the creation of a larger district would result in a precinct-split between the governing body and school board of the county or city, House of Delegates, state Senate, and United States House of Representatives. For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Precinct Boundaries. The solution will be configured to meet the criteria of the Requirement.
MGD-14.5		Determine Precinct Splits					
MGD-14.5.1		Creation of Precinct Splits	Does the Solution support the creation of precinct splits from qualifying district shapes? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in See Supplier's Supplemental Word Document to Attachment A.docx Figure 72: GIS Create Precinct Portion, Staff can also create precinct-split boundaries by overlaying qualifying districts on existing precinct shapes. (MDG-14.5.1). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Precinct-Splits. The solution offers two options: 1) Create splits with GIS to sync with non-GIS and 2) Import the file of the split into the GIS module. The system allows users to check and make any corrections without having to send back to the district level.
MGD-14.5.1.1		Precinct-Split Shapes	Does the Solution support the importation, creation, and archiving of split-shapes as geographic features? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS GIS Service using the ***** Data *****. Locality can import precinct-split boundaries. ***** Data ***** allows Staff to map the incoming file to SVRS standard columns. SVRS validates the incoming file meets the data validation specification for required, field data types, and so on. (MDG-14.5.1.1). For a more comprehensive understanding, Please refer to See Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Precinct-Splits.
MGD-14.5.1.2		Precinct-Split Generation	Does the Solution support the identification of district, precinct, and town precinct features whose intersection cause a split and automatically generate a precinct split layer, with override capability? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. Precinct-splits created within GIS service is automatically synced with Geo service if locality uses GIS. Otherwise, Locality can manually manage the precinct-split boundaries just with Geo service. As shown in See Supplier's Supplemental Word Document to Attachment A.docx Figure 73: Geo Precinct Portion Search and Figure 74: Geo Portion Details, Staff can search, associate precincts and districts, and view history. For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Maintain Precinct-Splits.
MGD-14.6		Index Addresses to Precinct-split					
MGD-14.6.1		Associate Addresses to Precinct-split	Does the Solution support the association of an address to the appropriate precinct-split? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS GIS Service conducts spatial analysis of precinct, precinct-splits, and addresses features to associate the address to precinct and precinct-splits. As shown in See Supplier's Supplemental Word Document to Attachment A.docx Figure 75: GIS Address Associations below, each address displays the precinct and precincts-splits associated to it. This process is automatic in GIS Service. (MGD-14.6.). For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Index Addresses to Precinct-splits.

MGD-14.6.1.1		Geographically Associate Addresses	Does the Solution support the association of an address with a precinct-split using point-in-polygon logic? Please describe.	Y		Yes	Supplier will ensure its SVRS fulfills the Requirement. As shown in See Supplier's Supplemental Word Document to Attachment A.docx Figure 76: Geo Address Associations below, SVRS Geo Services allows staff to manually associate single addresses to precinct and precinct-splits (MGD-14.6.1.1). For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Index Addresses to Precinct-splits.
MGD-14.6.1.2		Tabularly Associate Addresses	Does the Solution support the association of a section of a street with a precinct-split? Please describe.	F		Yes	Supplier will ensure its SVRS fulfills the Requirement. For the Commonwealth of Virginia, Team Canton adds the option to select a group of addresses from address search and assign them to precinct and precinct-splits (MGD-14.6.1.2). The solution will be configured to meet the criteria of the Requirement.
MGD-14.7		Reporting					
MGD-14.7.1		Precinct, Locality and District Reporting	Does the Solution support precinct, locality and district reporting? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. In addition to the Data Analytics ad hoc reporting engine, standardized reports not limited to the following can be created for the Commonwealth of Virginia within the Report module – <ul style="list-style-type: none"> • Precinct, Locality and District Reporting • Voter Change in Precinct Exception Report • Voter Change in Precinct Report • Locality Legislative Breakdown Report • Locality Redistricting Report For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Election Analytics.
MGD-14.7.1.1		Voter Change in Precinct Exception Report	Does the Solution generate and print a Voter Change in Precinct Exception Report? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. In addition to the Data Analytics ad hoc reporting engine, standardized reports not limited to the following can be created for the Commonwealth of Virginia within the Report module – <ul style="list-style-type: none"> • Precinct, Locality and District Reporting • Voter Change in Precinct Exception Report • Voter Change in Precinct Report • Locality Legislative Breakdown Report • Locality Redistricting Report For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Election Analytics.
MGD-14.7.1.2		Voter Change in Precinct Report	Does the Solution generate and print a Voter Change in Precinct Report? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. In addition to the Data Analytics ad hoc reporting engine, standardized reports not limited to the following can be created for the Commonwealth of Virginia within the Report module – <ul style="list-style-type: none"> • Precinct, Locality and District Reporting • Voter Change in Precinct Exception Report • Voter Change in Precinct Report • Locality Legislative Breakdown Report • Locality Redistricting Report For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Election Analytics.
MGD-14.7.1.3		Locality Legislative Breakdown Report	Does the Solution generate and print a Locality Legislative Breakdown Report? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. In addition to the Data Analytics ad hoc reporting engine, standardized reports not limited to the following can be created for the Commonwealth of Virginia within the Report module – <ul style="list-style-type: none"> • Precinct, Locality and District Reporting • Voter Change in Precinct Exception Report • Voter Change in Precinct Report • Locality Legislative Breakdown Report • Locality Redistricting Report For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Election Analytics. The Supplier will work to set up all reports needed in the beginning with the ability for users to add reports later, as needed.
MGD-14.7.1.4		Locality Redistricting Report	Does the Solution generate and print a Locality Redistricting Report? Please describe.	P		Yes	Supplier will ensure its SVRS fulfills the Requirement. In addition to the Data Analytics ad hoc reporting engine, standardized reports not limited to the following can be created for the Commonwealth of Virginia within the Report module – <ul style="list-style-type: none"> • Precinct, Locality and District Reporting • Voter Change in Precinct Exception Report • Voter Change in Precinct Report • Locality Legislative Breakdown Report • Locality Redistricting Report For a more comprehensive understanding, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Election Analytics.
MGD-14.8		Correspondence					

MGD-14.8.1	S	Generate and Print Voter Notices of Status Change	Does the Solution generate and print a voter notice letter or card when a precinct or district status change occurs? Please describe.	Y	Code of Virginia - TITLE 24.2, Chapter 3 (24.2-306)	Yes	Supplier will ensure its SVRS fulfills the Requirement. SVRS GIS Service conducts an impact analysis of addresses thus voters what are affected by changes to precinct-splits, precincts, and districts. The results of the impact analysis are logged for review by Staff. Staff can optionally queue the affected voter records to be sent Voter Notification Card (VNC). Notice Service uses the combination of geocoordinates, house suffix, house prefix, Unit/Apt # and so on attributes to complete the householding process thus only one notice is sent per household. (MGD-14.8.1, MGD-14.8.2) As shown in Supplier's Supplemental Word Document to Attachment A.Docx, Figure 77: Send VNC for District Changes here below is an example of how SVRS Geo Service provides the prompt for the Staff to optionally select to send VNC for the affected voters. For a more additional information, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Notice Service.
MGD-14.8.2		Generate and Print Notices of Redistricting/ Reprecincting	Does the Solution generate and print a redistricting/represincting notice letter or card to voters, with the option to send one notice to a household? Please describe.	Y		CONFIGURE CURRENT FUNCTIONALITY AND ROADMAP	SVRS GIS Service conducts an impact analysis of addresses thus voters what are affected by changes to precinct-splits, precincts, and districts. The results of the impact analysis are logged for review by Staff. Staff can optionally queue the affected voter records to be sent Voter Notification Card (VNC). Notice Service uses the combination of geocoordinates, house suffix, house prefix, Unit/Apt # and so on attributes to complete the householding process thus only one notice is sent per household. (MGD-14.8.1, MGD-14.8.2) As shown in See Supplier's Supplemental Word Document to Attachment A.Docx, Figure 77: Send VNC for District Changes here below is an example of how SVRS Geo Service provides the prompt for the Staff to optionally select to send VNC for the affected voters. For a more additional information, Please refer to Supplier's Supplemental Word Document to Attachment A.docx, section Notice Service. GIS provides an automatic notice to the print queue. The solution allows for a former address library that goes through addresses with option to manually print.

"F" or "P" Count	Group Name
5	Voter Registration
23	Elect Admin
3	Establish Voting Location
0	Poll Worker
6	Election Prep
22	Absentee Voting
21	Elect Results and Cert
24	Correspondence and Reports
13	List Maintenance
3	Online Citizen Portal
1	Security
0	COV Security
13	General Administration (1 "No")
12	External Interfaces
14	Maintain Geographical Data
160	Total Requirements