Section 2 – Election Management System

File 2-3 EMS Audit

2.3 Describe the proposed EMS’ post-election auditing capabilities.

Dominion’s Results Tally and Reporting module can assist election officials in performing election canvasses and risk-limiting audits. This tool is capable of sorting and filtering images of ballots by ballot style, precinct, polling location, contest and candidate, for the purposes of a recount or post-election audit. Officials can review all the digital ballot images in an election, or a subset of ballots based on the chosen filtering conditions.

This tool provides an efficient and user-friendly interface for reviewing ballot images and associated results, as well as providing a framework to support a variety of auditing methodologies.

Results Tally and Reporting allows multiple officials to access digital ballot images with their Digital Ballot AuditMark marks, digital Cast Vote Records, and related review notes. Filtering options enables the creation of ballot review subsets for specific audit reviews. This tool resides in a secure post-election environment that is separate from EMS.

Officials can create ballot review sets by filtering for any given audit scenario including specific requests from Election Committees and other internal and external parties. Users may make notes to individual ballots and ballot review sets to aid in follow-on reviews and audit discussions. Administrators may create and assign a ballot review set to a specific official. Upon reviewing each ballot, officials may add a note, mark it for additional review, or mark it as complete. Ballots within a ballot review set may be sorted against these attributes as desired.

Efficiency is realized through filtering and sorting capabilities. Officials may select specific filter criteria including District, Precinct, Precinct Split, Contest, Candidate, Tabulator, Out stack Conditions, Mark Fill Percentage, Adjudicated, Ballot Type, and or Ballot ID.

Flexibility is realized through user-friendly screen designs to aid in the rapid selection of filters and their choices in both large and small data set scenarios. Furthermore, the Administrator may choose to distribute a large ballot review set across multiple users to speed the process.

The Cast Vote Record, (CVR) export, in JSON format, includes the highest degree of granularity, detailing up to each mark read by the system.

Results Tally and Reporting allows for intricate filtering and searches on the universe of ballots, including loading sets of ballots, precincts, ballot styles, districts to be retrieved. The system will allow authorized users to read the output of any system that generates random sampling of ballots.

This process will generate ballot sets that can be reviewed by multiple parties. The ballot set will contain the ballot images with all the AuditMarks, and the cast vote record for each ballot.

 The use of the audit features is included as part of the training curriculums. In addition, Dominion will work with County Technicians on-site to assist as necessary