

DOMINION
VOTING™

Our customers come first.



State of Colorado
UNIFORM VOTING SYSTEM SUBMISSION
Provider Narrative for Nov 13th PERC Meeting



Prepared by: Steven Bennett, Regional Sales Manager
Proposal Due Date: Thursday, November 12, 2015 - 12 PM MT

State of Colorado
UNIFORM VOTING SYSTEM SUBMISSION
PROVIDER NARRATIVE FOR NOV 13TH PERC MEETING

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Letter of Introduction

To Members of the Colorado Pilot Election Review Committee:

Dominion Voting Systems, Inc. (“Dominion”) welcomes the opportunity to present our voting system, Democracy Suite^{®1}, for consideration as Colorado’s Uniform Voting System.

Over the past seven years, we have traveled throughout Colorado to learn about what you need and desire in a new voting system. We have demonstrated our technologies, listened, and made modifications based on your feedback. We understood that to best meet the needs of Colorado Clerks, and more specifically Colorado voters, we needed to simplify and innovate.

So we did! **At Dominion, we believe that listening to our customers and putting them first inspires great relationships, built on trust and bonded by loyalty.** We thank you and the Clerks of Colorado for spending your valuable time sharing your ideas and feedback with us at your regional meetings, conferences and in your offices. **Together, we have collaborated to build a voting solution for Colorado that is scalable, flexible, efficient, and sustainable.**

Our core focus has been to design **a solution that will scale to meet the needs of any size jurisdiction – both functionally and financially.** Whether the county is small, medium, or large, we’ve built a true Uniform Voting System – one solution that all Colorado jurisdictions can use with consistent ease, reliability and transparency!

Driven by Democracy Suite, the fully integrated system leverages off-the-shelf hardware that is **affordable and flexible.** Dominion believes that election officials need solutions that can adapt to changes that may occur due to technological advances or legislative mandates. With a software-driven solution like Democracy Suite, when COTS equipment is end-of-life, we simply migrate to a different hardware platform while retaining the same software. Democracy Suite is a modular solution that can be modified, upgraded, or expanded on a component basis, **thus preserving each County’s investment for the long-term.**

The overall cost of ownership of this solution is **a fraction of what was spent with HAVA dollars,** and will also make it possible to achieve greater operational efficiencies, while maintaining a high level of security and transparency. The City and County of Denver recently demonstrated the **efficiencies that can be achieved with Democracy Suite, attaining a 70% cost-savings in their tabulation room.** The time and costs needed to store, deliver and maintain the system are all lower than with proprietary hardware systems.

The City and County of Denver and Mesa County’s success in running four elections with Democracy Suite have garnered the attention of election officials across the country. Other states are observing the benefits of the Colorado voting model, and are looking to adopt it in their own jurisdictions. **Colorado is leading the way in election innovation and modernization, and Dominion is ready to be your partner in this effort.**

Colorado is Dominion’s home state - our U.S. headquarters are based in Denver, and we have a sincere desire to extend our vendor relationship throughout Colorado. We are enthusiastic

¹ Democracy Suite is a registered trademark of Dominion Voting Systems.

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about the opportunity to work with each Colorado County Clerk and their staff. We are determined and committed to meet your every challenge. This is who we are. **This is the Power of Partnership.**

If you have any questions or feedback, please feel free to contact me at (909) 362-1715 or via email at steven.bennett@dominionvoting.com.

Sincerely,

Steven Bennett
Regional Sales Manager

1) Near-term plans for enhancements to or further development of temporarily approved voting system

Please describe your current plans, if any, to enhance or further develop the temporarily approved voting system within the next 12 months. Please specify the dates on which you expect to complete the development or enhancement, and the dates on which you expect to commence and complete certification by federal or state authorities, if applicable.

Dominion's Democracy Suite platform is designed as a comprehensive solution for election officials who seek modern, efficient, accurate, accessible and secure voting technology. Dominion has developed a stable portfolio of elections technology solutions developed based on customer and market demand. This portfolio is enhanced through continuous product improvement and development of new features to help streamline the entire elections process. Using valuable customer and real-world feedback, Dominion has been working to ensure that its technology meets current and future requirements of both election officials and voters.

In line with this philosophy, Dominion has already made several enhancements and further developments to the temporarily approved voting system in Colorado, particularly around the ADA functionality of the ImageCast^{®2} X precinct ballot-marking device. The two main items listed in the "Conditions for use" regarding the Dominion ImageCast X system -- disabling the screen for ADA voters, and repeating of audio instructions for AVS voting sessions -- have both been addressed in the latest build. Instead of a "cover sheet" for hiding the screen, all voters can now select to disable the screen content the same way they can choose to change the contrast levels. In addition, during and AVS audio session, the current instruction is repeated at regular intervals throughout the voting process in order to inform the voter who may need instructions on how to proceed.

In addition to the two updates listed above, there are several other enhancements including: enhanced support for HTML formatting of text elements (referenda, contests, choices) on the ImageCast X ballot, enhanced navigation for AVS voters to access all ImageCast X behavioral settings such as screen contrast, audio levels, etc, and support for pre-recorded audio of contest and referenda text instead of using text-to-speech for these elements. These enhancements are a direct result of soliciting feedback from the pilot implementations in both Denver and Mesa counties.

Further developments are also underway for our ImageCast Adjudication product that will be delivered in the 4th quarter 2015 release, such as streamlined installation and certificate assignment, along with contest level filtering to support efficient recounts.

As well, our patented Digital AuditMark^{®3} will be updated to use a standard OCR enabled font to support third party data analysis of the AuditMark images for any post-election audits or processing.

² ImageCast is a registered trademark of Dominion Voting Systems.

³ AuditMark is a registered trademark of Dominion Voting Systems.

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Our Democracy Suite Results Tally and Reporting module has also been updated to include a full export of all Cast Vote Records (CVR) from the system. This export will be available in a JSON format to support any risk-limiting audits or post-election analysis on individual vote records. The CVR export will include references to the ballot image data from all tabulator channels as well providing a full, robust audit solution on a ballot-by-ballot basis.

Updates are also focusing on integrating the Dominion suite of products with existing state-based systems. Democracy Suite Election Event Designer has been updated to import election data exported from SCORE. And our Mobile Ballot Printing and ImageCast X Activation Module are being updated to integrate directly with WebScore for printing, or activating ballot sessions for voters at the VSPC.

Dominion is further enhancing its ballot audit capabilities via its Ballot Audit Module to assist election officials in Colorado in performing risk-limiting audits. At the heart of Dominion's Democracy Suite system, we emphasize transparency: every single ballot cast in the election is imaged and appended with the AuditMark, Dominion's exclusive ballot-level audit trail, which shows how the system interpreted the voter's intent. The Ballot Audit Module is a tool that the counties will use to electronically perform ballot image searches and review ballot images with the AuditMark in performing election canvasses and risk-limiting audits. The AuditMark, which is appended to each ballot image securely, allows for this tool to assist in these time consuming and costly post-election activities.

Dominion's proposed system for Colorado leverages off-the-shelf hardware that is affordable and flexible. Dominion believes that election officials need solutions that can adapt to changes that may occur due to technological advances or legislative mandates. With a software-driven solution like Democracy Suite, when COTS equipment is end-of-life, we simply migrate to a different hardware platform while retaining the same software. Democracy Suite is a modular solution that can be modified, upgraded, or expanded on a component basis, thus preserving each County's investment for the long-term. In addition, the use of COTS technologies reduce the reliance on proprietary hardware, allowing Dominion to focus on developing new and strengthening existing software-driven, "hardware agnostic" election solutions.

Beyond these immediate updates that will be entering certification by year's end, Dominion is already planning and developing another release targeted for the 2nd quarter of 2016. This release will continue to evolve and innovate the Democracy Suite functionality, and we will continue to seek feedback from our Colorado customers to incorporate additional enhancements to the system for our next release slated for the 3rd Quarter of 2016.

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2) Other Products and Services Offered

Colorado does not regard ancillary or dependent systems – such as electronic ballot delivery, ballot-on-demand, and election night reporting systems – as part of a voting system that requires testing and certification. As a result, we did not learn about any ancillary systems you offer as part of your temporary approval campaign. In the event your organization offers these or other products and services, please describe them in your narrative document. Although currently the Secretary of State provides electronic ballot delivery and election night reporting system on a statewide basis, we are certain that individual counties will be very interested in the acquisition and carrying costs of any ballot-on-demand systems you offer. If available, please provide cost estimates for these products and services.

Dominion has several value added services and products that counties in the State of Colorado may be interested in. Pricing for the optional products are included in our pricing proposal

Mobile Ballot Printing

Easily print ballots whenever and wherever needed with Dominion’s Mobile Ballot Printing module. Fully integrated with Democracy Suite, the Mobile Ballot Printing module allows jurisdictions to **provide “Vote Anywhere” locations in a cost-effective and flexible way.** The system is hardware “agnostic,” giving you the flexibility to use your existing print hardware or leverage other commercially available off-the-shelf (COTS) printers.

The Mobile Ballot Printing module integrates with SCORE, making the ballot style selection for each voter efficient and straightforward. The user-friendly interface presents clear information about ballots available to print, and features audit reports to track how many times each ballot style has been printed.

The screenshot displays the 'Mobile Ballot Production' software interface. On the left, a table lists various precincts and their corresponding ballot numbers. The table has columns for 'Precinct', 'Elector Group/Combination', and 'Ballot No.'. The 'Precinct' column lists locations such as '155 Devere Clubhouse', '203 4th High School', '204 4th High School', '344 4th High School', '350 4th High School', '4th St. City Hall', '361 Old City Hall', '366 Old City Hall', '601 St. Marys Convent', '609 St. Marys Convent', '636 St. Marys Convent', '701 4th Moose Club', '702 4th Moose Club', '801 Glad Tidings Tabernacle', '804 Glad Tidings Tabernacle', '805 Glad Tidings Tabernacle', '902 St. Citizen Plaza', '904 St. Citizen Plaza', '905 St. Citizen Plaza', '906 St. Citizen Plaza', '907 St. Citizen Plaza', '908 St. Citizen Plaza', '909 St. Citizen Plaza', '1002 Church of Latter Day Saints', '1003 Church of Latter Day Saints', '1004 Church of Latter Day Saints', '1005 Old City Hall (CT)', '1006 Old City Hall (CT)', '1101 4th Baptist Temple', '1102 4th Baptist Temple', '1103 4th Baptist Temple', '1104 4th Baptist Temple', '1201 8C Fire Station', '1202 8C Fire Station', '1203 8C Fire Station', '1204 8C Fire Station', '1205 8C Fire Station', '1301 Sugarloaf Fire Station', '1302 Sugarloaf Fire Station', '1304 Sugarloaf Fire Station', '1400 Cudde Sub Station', '1501 8th Scouts of America', '1502 8th Scouts of America', '1503 8th Scouts of America', '1504 8th Scouts of America', '1505 8th Scouts of America'. The 'Ballot No.' column lists numbers from 100W to 150T.

On the right, a sample ballot form is shown. The form is titled 'OFFICIAL GENERAL ELECTION BALLOT MONROE COUNTY, FLORIDA NOVEMBER 6, 2014'. It contains several sections for voters to mark their choices, including 'REPRESANTATIVE IN CONGRESS DISTRICT 1', 'SENATORIAL DISTRICT 1', 'COUNTY COMMISSIONER DISTRICT 1', 'ATTORNEY GENERAL', 'JUDICIAL CIRCUIT JUDGE', 'COUNTY COMMISSIONER DISTRICT 2', and 'COUNTY COMMISSIONER DISTRICT 3'. Each section has radio buttons for 'YES' and 'NO' options. The form also includes a 'SIGNATURE PANEL' at the top right and a 'VOTE BOTH SIDES OF BALLOT' instruction at the bottom.

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Automated Test Deck Generator

Dominion offers the Automated Test Deck Generator module as a means for the counties to create their own automated, comprehensive test decks for efficient Logic & Accuracy testing. Using the election project database, a series of vote-marked ballots are generated based on a computer algorithm designed to provide the highest assurance of system accuracy. When scanned, these automated test deck ballots create known outcomes that can be compared with the tabulated results.

The test decks provide verification of both the quality of the printed ballots as well as the correctness of each ImageCast Central tabulator's programming. The elimination of error due to mistakes in hand-marking ballots for L&A testing provides a high degree of confidence in the test results. The Automated Test Deck Generator module will help save time and resources for L&A without compromising accuracy.

Electronic Ballot Delivery – Dominion's ImageCast Remote UOCAVA

Dominion's ImageCast Remote UOCAVA system offers a secure and efficient means for overseas and military voters to receive, mark, print and return their ballot to their local elections office. The ImageCast Remote UOCAVA system ensures the security and transparency of the balloting process while preserving the privacy of UOCAVA voters.

Fully integrated and supported by Democracy Suite, the ImageCast Remote UOCAVA system allows election officials to conduct a seamless election, without the need for a separate database or election project. Ballots returned by UOCAVA voters can be processed on ImageCast Central, **eliminating the need to duplicate ballots or process UOCAVA ballots on a separate system.**

Election Night Reporting

As an optional additional feature, Dominion offers enhanced Election Night Reporting tools to create an Internet-based graphical display of results, which provides an attractive and dynamic focus on election night. Our HTML 5, cross-platform, mobile-friendly, results display is our standard and most popular configuration. The report display runs in real-time on the Internet, updating as results are released from the results tally module by officials. It can be projected on public display screens, such as County Offices, fed to local television stations, and/or displayed on the county or state's website. Dominion has flexible report layouts available, and can configure the display with the jurisdiction's logos and colors.

The Internet-based graphical display is completely automated and runs behind the scenes. Once election officials have released a set of results, XML files are created and transferred to a local FTP directory (or via an external memory device), and the graphical display is automatically updated. This XML file is in an internationally defined election format called EML (Election Markup Language). As such, the election results are transferred in a

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format that can be easily read by news media, if they wish to import the XML files into their own display program (or they can simply use your Dominion graphical report for broadcast).

County of Anywhere
Election 2014

1408 State Primary County General
Unofficial Results

County of Anywhere
Eligible voters: 202044
Ballots cast: 53685
Reported voting locations: 130/130

Loop

Governor - REP
Governor - DEM
U.S. Senate - REP
U.S. Senate - DEM
U.S. House of Representatives, District 3 - REP
U.S. House of Representatives, District 3 - DEM
State District 11 - REP
State District 11 - DEM
House of Representatives District 26 - REP
House of Representatives District 26 - DEM
House of Representatives District 27 - REP
House of Representatives District 27 - DEM
House of Representatives District 28 - REP
House of Representatives District 28 - DEM

Governor - REP

Vote for 1	Votes
Everett Dirksen	35236
Andrew Carnegie	1285
Thomas Alva Edison	1025
Jane Austen	595
Write-in	188

Example of the Election Night Reporting module web display

Managed Services Program

Dominion offers flexible purchasing options. Colorado counties have the option of either an outright purchase, or participating in Dominion’s Managed Service Program (MSP), an industry-first program. A true service model, the MSP works like a lease, with the addition of all hardware, software, license, warranties and all elections services needed by the jurisdiction – the MSP even includes software updates. This figure is computed into an annual fee for six, seven or eight years. This way, the jurisdiction does not need to fund the whole system up front. This program would give Colorado counties the flexibility to add to or change the components, depending on evolving needs and requirements. At the end of the term, Dominion will work with the counties to do one of three things: 1. remove the system, so the county is not saddled with legacy, proprietary products; 2. maintain and continue to use and support the system; 3. upgrade to a new or more modern system available at the time.

As legal requirements change, the system must adapt to these changes, and for this reason, Dominion’s MSP allows jurisdictions the flexibility they need to add, remove or modify system components to meet ever-changing rules and regulations. This program eliminates ownership of legacy equipment and with a long term contract the upfront capital investment is reduced to annual operational cost.

State of Colorado

Department of State



Pilot Election Review Committee

Cost Proposal Workbook

COST PROPOSAL WORKBOOK INSTRUCTIONS

1.0 Recommended System Configurations for County Tiers

Recommend a system configuration for the average county in each of the six county tiers, as explained in the cover letter. The recommended system should enable county users to process the projected highest daily volume of mail and in-person ballots for each tier in 12 hours. For central count operations, the configuration should be predicated on the time required to scan 8.5 x 18" double-sided ballots. For Voter Service and Polling Centers, please recommend a system configuration for a single VSPC capable of processing the projected highest daily volume of in-person voters per required VSPC. We will multiply the cost of equipping a single VSPC by the average number of required VSPCs for each separate tier when we compile the information received from all providers. For all operations (back office, central count and VSPCs, please indicate any voting system components that are optional, in the event a county desires to acquire less than the complete solution. Please provide this information separately for each county tier in Tabs 1.1, 1.2, 1.3, 1.4, 2.0, and 3.0 of this workbook.

4.0 Hardware Cost Table

List the description, make, model and unit purchase cost and, if offered, lease cost, of each piece of hardware proposed in any of your recommended system configurations. The hardware cost table also requests you to specify ongoing annual firmware license fees, to the extent applicable for each piece of hardware.

5.0 Software Cost Table

List the description, version and unit purchase cost and, if offered, lease cost, of each software component proposed in your recommended system configurations. The software cost table also requests you to specify ongoing annual software licence fees, to the extent applicable, for each software application or component.

6.0 Project Labor Cost Table

List the description and total cost of each category provided for labor required to deploy and implement your voting system for the average county in each county tier.

7.0 Vendor Hourly Rate Cost Table

List position descriptions for your billable personnel and the hourly rates you charge for their services during the warranty period and the projected rates for the following three years of support.

8.0 Miscellaneous Cost Table

Itemize any miscellaneous costs associated with the acquisition or deployment of your voting system in the average county for each tier.

9.0 Hourly Rate Table

List position descriptions for your billable personnel and the hourly rates you charge for their services during the warranty period and the projected rates for the following three (3) years of support.

Tier 1.1-Recommended System Configuration				
A. Election Management Solution (including election definition, election data management, ballot layout, editing & generation, tabulation, and results reporting)				
1. EMS Hardware				
a. EMS servers				
Item No.	Quantity	Manufacturer	Model	Optional
1	1	Dominion	Democracy Suite EMS Server	
2				
3				
4				
5				
b. EMS workstations/clients				
Item No.	Quantity	Manufacturer	Model	Optional
1				
2				
3				
4				
5				
c. EMS miscellaneous/peripherals				
Item No.	Quantity	Manufacturer	Model	Optional
1				
2				
3				
4				
5				
d. EMS backup hardware (if any)				
Item No.	Quantity	Manufacturer	Model	Optional
1				
2				
3				
4				
5				
e. Other EMS hardware				
Item No.	Quantity	Manufacturer	Model	Optional
1				
2				
3				
4				
5				
Tier 1.1 Recap:				
Average active voters-2012G				349,888
No. of counties in tier				4
Avg min number of Election Day VSPCs required				23
Projected total mail ballots-2016P				301,766
Projected highest daily volume of mail ballots-2016P				63,813
Projected total of in-person ballots cast-2016P				15,547
Projected highest daily volume of in-person ballots per VSPC-2016P				501

Tier 1.1-Recommended System Configuration									
2. EMS Software									
a. Election management, election definition, data management, and ballot layout/editing/artwork generation applications									
Item No.	Application Name	Version	Optional						
1	Democracy Suite EMS - Level 6 (including Results Tally Module)								
2									
3									
4									
5									
c. Tabulation and results reporting									
Item No.	Application Name	Version	Optional						
1									
2									
3									
4									
5									
d. Other EMS software									
Item No.	Application Name	Version	Optional						
1	Automatic Test Deck - Level 6		X						
2	ImageCast Remote (UOCAVA) - Level 6		X						
3	Mobile Ballot Printing (MBP) Module (with Pri		X						
4	Election Night Reporting Module - Level 6		X						
5									
3. Election Programming Services									
<p>Preface: Historically, over half of Colorado's 64 counties have opted to acquire less than the complete EMS solution for their legacy voting systems, and instead engaged their voting system vendor to provide election definition and device programming services. In the cell below, please describe the election and device programming services that your organization can offer with respect to the temporarily approved voting system, and describe the manner in which you charge for these services in sufficient detail to enable us to calculate the cost for this service for an average county in this tier. Please be sure to include in your response whether these service charges are based on the number of registered voters, the number of ballot styles, or other factors. Please also indicate all EMS hardware and software components that counties opting for this service will not need to acquire.</p>									
<p>Response: Dominion offers a number of options with respect to election definition and file set up procedures. As part of this submission, we have included the option for the jurisdiction to either procure the full Democracy Suite EMS configuration or the Results Tally Reporting (RTR) module depending on their jurisdictional needs. The RTR module allows for jurisdictions to significantly lower their operating costs by purchasing only the module that applies to their needs and request setup services from their vendor. As such, Dominion employs a team of product specialists who specifically work on election definition and device programming. The individuals are experts in using the Dominion Democracy Suite® EMS system, and have a strong understanding of jurisdictional requirements. Because Dominion is a Colorado based company, many of these product specialists live and work in Colorado. The election definition process (including proofing, distribution, change management, etc.) is tailored to the county's needs. In general, the county (and/or state) provides the jurisdictional information to Dominion for import into the Dominion's Democracy Suite® EED system (EED). The definition of an election project can be initiated by importing the election data from external systems or simply by defining all election projects without importing external data. It is important to note that an election project initiated by importing data can be further modified within the EED Client Application.</p> <p>Dominion then provides each county with ballots proofs (for all systems including audio) in order for the county to review and sign off on the ballot content. Once all election files are completed, generally Dominion provides the encrypted database to the county for the county to upload to the county's EED server. The county will then create ICX and ICC election files from EED and load the election files into their respective devices. Dominion can provide this service to the county as well, but because it is a simple process, most Dominion customers opt to perform the tasks on their own, thus further reducing their overall cost of service and support.</p> <p>Pricing for election definition and device programming can vary depending on the county's needs. Pricing can either be based on a time (hourly or daily), or bulk service pricing can be created based on several factors. The standard list pricing for product specialist services are shown on the List Pricing document included in this submission. Standard election pricing is indicated below:</p> <p>Price per Precinct: \$22.00 Price per Contests: \$22.00 Price per Candidates: \$11.00 Price per Ballot Styles: \$22.00</p>									

Tier 1.1-Recommended System Configuration				
B. Central Count Solution				
1. Central count hardware				
a. Central count servers				
Item No.	Quantity	Manufacturer	Model	Optional
1				
2				
3				
4				
5				
b. Central count workstations/clients				
Item No.	Quantity	Manufacturer	Model	Optional
1	10	Dominion	ImageCast Central Workstation	
2	8	Dominion	ImageCast Central Adjudication Workstation	
3				
4				
5				
c. Central count scanners				
Item No.	Quantity	Manufacturer	Model	Throughput
1	10	Dominion	ImageCast Central (ICC) Scanner	4000 per hr
2				
3				
4				
5				
d. Miscellaneous/peripheral/other central count hardware				
Item No.	Quantity	Manufacture	Model	Optional
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
2. Central count software				
a. Central count software				
Item No.	Application Name	Version	Optional	
1				
2				
3				
4				
5				
b. Digital ballot resolution and adjudication applications				
Item No.	Application Name	Version	Optional	
1	Democracy Suite ImageCast Central Adjudication Module - Level 6			
2				
3				
4				
5				
c. Other/miscellaneous central count software				
Item No.	Application Name	Version	Optional	
1				
2				
3				
4				
5				

Tier 1.1-Recommended System Configuration				
C. Polling Location Solution				
1. Polling location hardware and software				
a. Polling location servers				
Item No.	Quantity	Manufacturer	Model	Optional
1	1	Dominion	ImageCast X Server	
2				
3				
4				
5				
b. Ballot marking devices (tablets/workstations/clients)				
Item No.	Quantity	Manufacturer	Model	Optional
1	2	Dominion	ImageCast X Voting Terminal	
2	2	Dominion	ImageCast X Voting Terminal (with Accessible Features)	
3				
4				
5				
c. Polling location tabulators				
Item No.	Quantity	Manufacturer	Model	Optional
1				X
2				X
3				X
4				X
5				X
d. Polling location miscellaneous/peripheral/other hardware				
Item No.	Quantity	Manufacture	Model	Optional
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Tier 1.2-Recommended System Configuration						
A. Election Management Solution (including election definition, election data management, ballot layout, editing & generation, tabulation, and results reporting)						
1. EMS Hardware						
a. EMS servers						
Item No.	Quantity	Manufacturer	Model	Optional		
1	1	Dominion	Democracy Suite EMS Server			
2						
3						
4						
5						
b. EMS workstations/clients						
Item No.	Quantity	Manufacturer	Model	Optional		
1						
2						
3						
4						
5						
c. EMS miscellaneous/peripherals						
Item No.	Quantity	Manufacturer	Model	Optional		
1						
2						
3						
4						
5						
d. EMS backup hardware (if any)						
Item No.	Quantity	Manufacturer	Model	Optional		
1						
2						
3						
4						
5						
e. Other EMS hardware						
Item No.	Quantity	Manufacturer	Model	Optional		
1						
2						
3						
4						
5						
					Tier 1.2 Recap:	
					Average active voters-2012G	208,576
					No. of counties in tier	2
					Avg min number of Election Day VSPCs required	14
					Projected total mail ballots-2016P	175,157
					Projected highest daily volume of mail ballots-2016P	37,652
					Projected total of in-person ballots cast-2016P	11,624
					Projected highest daily volume of in-person ballots per VSPC-2016P	623

Tier 1.2-Recommended System Configuration																				
2. EMS Software																				
a. Election management, election definition, data management, and ballot layout/editing/artwork generation applications																				
	Item No.	Application Name	Version	Optional																
	1	Democracy Suite EMS - Level 5 (including Results Tally Module)																		
	2																			
	3																			
	4																			
	5																			
c. Tabulation and results reporting																				
	Item No.	Application Name	Version	Optional																
	1																			
	2																			
	3																			
	4																			
	5																			
d. Other EMS software																				
	Item No.	Application Name	Version	Optional																
	1	Automatic Test Deck - Level 5		X																
	2	ImageCast Remote (UOCAVA) - Level 5		X																
	3	Mobile Ballot Printing (MBP) Module (with Pr		X																
	4	Election Night Reporting Module - Level 5		X																
	5																			
3. Election Programming Services																				
<p>Preface: Historically, over half of Colorado's 64 counties have opted to acquire less than the complete EMS solution for their legacy voting systems, and instead engaged their voting system vendor to provide election definition and device programming services. In the cell below, please describe the election and device programming services that your organization can offer with respect to the temporarily approved voting system, and describe the manner in which you charge for these services in sufficient detail to enable us to calculate the cost for this service for an average county in this tier. Please be sure to include in your response whether these service charges are based on the number of registered voters, the number of ballot styles, or other factors. Please also indicate all EMS hardware and software components that counties opting for this service will not need to acquire.</p>																				
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Tier 1.2-Recommended System Configuration									
B. Central Count Solution									
1. Central count hardware									
a. Central count servers									
Item No.	Quantity	Manufacturer	Model	Optional					
1									
2									
3									
4									
5									
b. Central count workstations/clients									
Item No.	Quantity	Manufacturer	Model	Optional					
1		8 Dominion	ImageCast Central Workstation						
2		6 Dominion	ImageCast Central Adjudication Workstation						
3									
4									
5									
c. Central count scanners									
Item No.	Quantity	Manufacturer	Model	Throughput					
1		8 Dominion	ImageCast Central (ICC) Scanner	4000 per hr					
2									
3									
4									
5									
d. Miscellaneous/peripheral/other central count hardware									
Item No.	Quantity	Manufacture	Model	Optional					
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
2. Central count software									
a. Central count software									
Item No.	Application Name	Version	Optional						
1									
2									
3									
4									
5									
b. Digital ballot resolution and adjudication applications									
Item No.	Application Name	Version	Optional						
1	Democracy Suite ImageCast Central Adjudication Module - Level 5								
2									
3									
4									
5									
c. Other/miscellaneous central count software									
Item No.	Application Name	Version	Optional						
1									
2									
3									
4									
5									

Tier 1.2-Recommended System Configuration				
C. Polling Location Solution				
1. Polling location hardware and software				
a. Polling location servers				
Item No.	Quantity	Manufacturer	Model	Optional
1	1	Dominion	ImageCast X Server	
2				
3				
4				
5				
b. Ballot marking devices (tablets/workstations/clients)				
Item No.	Quantity	Manufacturer	Model	Optional
1	2	Dominion	ImageCast X Voting Terminal	
2	2	Dominion	ImageCast X Voting Terminal (with Accessible Features)	
3				
4				
5				
c. Polling location tabulators				
Item No.	Quantity	Manufacturer	Model	Optional
1				X
2				X
3				X
4				X
5				X
d. Polling location miscellaneous/peripheral/other hardware				
Item No.	Quantity	Manufacture	Model	Optional
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Tier 1.3-Recommended System Configuration						
A. Election Management Solution (including election definition, election data management, ballot layout, editing & generation, tabulation, and results reporting)						
1. EMS Hardware						
a. EMS servers						
Item No.	Quantity	Manufacturer	Model	Optional		
1	1	Dominion	Democracy Suite EMS Server			
2						
3						
4						
5						
b. EMS workstations/clients						
Item No.	Quantity	Manufacturer	Model	Optional		
1						
2						
3						
4						
5						
c. EMS miscellaneous/peripherals						
Item No.	Quantity	Manufacturer	Model	Optional		
1						
2						
3						
4						
5						
d. EMS backup hardware (if any)						
Item No.	Quantity	Manufacturer	Model	Optional		
1						
2						
3						
4						
5						
e. Other EMS hardware						
Item No.	Quantity	Manufacturer	Model	Optional		
1						
2						
3						
4						
5						
					Tier 1.3 Recap:	
					Average active voters-2012G	173,533
					No. of counties in tier	3
					Avg min number of Election Day VSPCs required	11
					Projected total mail ballots-2016P	158,209
					Projected highest daily volume of mail ballots-2016P	33,330
					Projected total of in-person ballots cast-2016P	8,572
					Projected highest daily volume of in-person ballots per VSPC-2016P	567

Tier 1.3-Recommended System Configuration																				
2. EMS Software																				
a. Election management, election definition, data management, and ballot layout/editing/artwork generation applications																				
Item No.	Application Name	Version	Optional																	
1	Democracy Suite EMS - Level 5 (including Results Tally Module)																			
2																				
3																				
4																				
5																				
c. Tabulation and results reporting																				
Item No.	Application Name	Version	Optional																	
1																				
2																				
3																				
4																				
5																				
d. Other EMS software																				
Item No.	Application Name	Version	Optional																	
1	Automatic Test Deck - Level 5		X																	
2	ImageCast Remote (UOCAVA) - Level 5		X																	
3	Mobile Ballot Printing (MBP) Module (with Pr		X																	
4	Election Night Reporting Module - Level 5		X																	
5																				
3. Election Programming Services																				
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Tier 1.3-Recommended System Configuration				
B. Central Count Solution				
1. Central count hardware				
a. Central count servers				
Item No.	Quantity	Manufacturer	Model	Optional
1				
2				
3				
4				
5				
b. Central count workstations/clients				
Item No.	Quantity	Manufacturer	Model	Optional
1		4 Dominion	ImageCast Central Workstation	
2		3 Dominion	ImageCast Central Adjudication Workstation	
3				
4				
5				
c. Central count scanners				
Item No.	Quantity	Manufacturer	Model	Throughput
1		4 Dominion	ImageCast Central (ICC) Scanner	4000 per hr
2				
3				
4				
5				
d. Miscellaneous/peripheral/other central count hardware				
Item No.	Quantity	Manufacture	Model	Optional
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
2. Central count software				
a. Central count software				
Item No.	Application Name	Version	Optional	
1				
2				
3				
4				
5				
b. Digital ballot resolution and adjudication applications				
Item No.	Application Name	Version	Optional	
1	Democracy Suite ImageCast Central Adjudication Module - Level 5			
2				
3				
4				
5				
c. Other/miscellaneous central count software				
Item No.	Application Name	Version	Optional	
1				
2				
3				
4				
5				

Tier 1.3-Recommended System Configuration				
C. Polling Location Solution				
1. Polling location hardware and software				
a. Polling location servers				
Item No.	Quantity	Manufacturer	Model	Optional
1	1	Dominion	ImageCast X Server	
2				
3				
4				
5				
b. Ballot marking devices (tablets/workstations/clients)				
Item No.	Quantity	Manufacturer	Model	Optional
1	2	Dominion	ImageCast X Voting Terminal	
2	2	Dominion	ImageCast X Voting Terminal (with Accessible Features)	
3				
4				
5				
c. Polling location tabulators				
Item No.	Quantity	Manufacturer	Model	Optional
1				X
2				X
3				X
4				X
5				X
d. Polling location miscellaneous/peripheral/other hardware				
Item No.	Quantity	Manufacture	Model	Optional
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Tier 1.4-Recommended System Configuration					
A. Election Management Solution (including election definition, election data management, ballot layout, editing & generation, tabulation, and results reporting)					
1. EMS Hardware					
a. EMS servers					
Item No.	Quantity	Manufacturer	Model	Optional	
1	1	Dominion	Democracy Suite EMS Express Server (for Results Tally Module only)		
2					
3					
4					
5					
b. EMS workstations/clients					
Item No.	Quantity	Manufacturer	Model	Optional	
1					
2					
3					
4					
5					
c. EMS miscellaneous/peripherals					
Item No.	Quantity	Manufacturer	Model	Optional	
1					
2					
3					
4					
5					
d. EMS backup hardware (if any)					
Item No.	Quantity	Manufacturer	Model	Optional	
1					
2					
3					
4					
5					
e. Other EMS hardware					
Item No.	Quantity	Manufacturer	Model	Optional	
1					
2					
3					
4					
5					
				Tier 1.4 Recap:	
				Average active voters-2012G	50,463
				No. of counties in tier	6
				Avg min number of Election Day VSPCs required	4
				Projected total mail ballots-2016P	44,306
				Projected highest daily volume of mail ballots-2016P	8,875
				Projected total in-person ballots cast-2016P	1,774
				Projected highest daily volume in-person ballots per VSPC-2016P	336

Tier 1.4-Recommended System Configuration																				
2. EMS Software																				
a. Election management, election definition, data management, and ballot layout/editing/artwork generation applications																				
Item No.	Application Name	Version	Optional																	
1																				
2																				
3																				
4																				
5																				
c. Tabulation and results reporting																				
Item No.	Application Name	Version	Optional																	
1	Democracy Suite EMS - Level 3 (Results Tally Module Only)																			
2																				
3																				
4																				
5																				
d. Other EMS software																				
Item No.	Application Name	Version	Optional																	
1	Automatic Test Deck - Level 3		X																	
2	ImageCast Remote (UOCAVA) - Level 3		X																	
3	Mobile Ballot Printing (MBP) Module (with P)		X																	
4	Election Night Reporting Module - Level 3		X																	
5																				
3. Election Programming Services																				
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Tier 1.4-Recommended System Configuration				
B. Central Count Solution				
1. Central count hardware				
a. Central count servers				
Item No.	Quantity	Manufacturer	Model	Optional
1				
2				
3				
4				
5				
b. Central count workstations/clients				
Item No.	Quantity	Manufacturer	Model	Optional
1	2	Dominion	ImageCast Central Workstation	
2	2	Dominion	ImageCast Central Adjudication Workstation	
3				
4				
5				
c. Central count scanners				
Item No.	Quantity	Manufacturer	Model	Throughput
1	2	Dominion	ImageCast Central (ICC) Scanner	4000 per hr
2				
3				
4				
5				
d. Miscellaneous/peripheral/other central count hardware				
Item No.	Quantity	Manufacturer	Model	Optional
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
2. Central count software				
a. Central count software				
Item No.	Application Name	Version		Optional
1				
2				
3				
4				
5				
b. Digital ballot resolution and adjudication applications				
Item No.	Application Name	Version		Optional
1	Democracy Suite ImageCast Central Adjudication Module - Level 3			
2				
3				
4				
5				
c. Other/miscellaneous central count software				
Item No.	Application Name	Version		Optional
1				
2				
3				
4				
5				

Tier 1.4-Recommended System Configuration				
C. Polling Location Solution				
1. Polling location hardware and software				
a. Polling location servers				
Item No.	Quantity	Manufacturer	Model	Optional
1		Dominion	ImageCast X Server	
2				
3				
4				
5				
b. Ballot marking devices (tablets/workstations/clients)				
Item No.	Quantity	Manufacturer	Model	Optional
1	2	Dominion	ImageCast X Voting Terminal	
2	2	Dominion	ImageCast X Voting Terminal (with Accessible Features)	
3				
4				
5				
c. Polling location tabulators				
Item No.	Quantity	Manufacturer	Model	Optional
1				X
2				X
3				X
4				X
5				X
d. Polling location miscellaneous/peripheral/other hardware				
Item No.	Quantity	Manufacturer	Model	Optional
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Tier 2-Recommended System Configuration																																																											
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9																																																											
10																																																											
<p>2. Central count software</p>																																																											

Tier 2-Recommended System Configuration				
a. Central count software				
Item No.	Application Name	Version	Optional	
1				
2				
3				
4				
5				
b. Digital ballot resolution and adjudication applications				
Item No.	Application Name	Version	Optional	
1	Democracy Suite ImageCast Central Adjudication Module - Level 2			
2				
3				
4				
5				
c. Other/miscellaneous central count software				
Item No.	Application Name	Version	Optional	
1				
2				
3				
4				
5				
C. Polling Location Solution				
1. Polling location hardware and software				
a. Polling location servers				
Item No.	Quantity	Manufacturer	Model	Optional
1	1	Dominion	ImageCast X Server	
2				
3				
4				
5				
b. Ballot marking devices (tablets/workstations/clients)				
Item No.	Quantity	Manufacturer	Model	Optional
1	2	Dominion	ImageCast X Voting Terminal	
2	1	Dominion	ImageCast X Voting Terminal (with Accessible Features)	
3				
4				
5				
c. Polling location tabulators				
Item No.	Quantity	Manufacturer	Model	Optional
1				X
2				X
3				X
4				X
5				X
d. Polling location miscellaneous/peripheral/other hardware				
Item No.	Quantity	Manufacture	Model	Optional
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Tier 3-Recommended System Configuration																					
2. EMS Software																					
a. Election management, election definition, data management, and ballot layout/editing/artwork generation applications																					
Item No.	Application Name	Version	Optional																		
1																					
2																					
3																					
4																					
5																					
c. Tabulation and results reporting																					
Item No.	Application Name	Version	Optional																		
1	Democracy Suite EMS - Level 1 (Results Tally Module Only)																				
2																					
3																					
4																					
5																					
d. Other EMS software																					
Item No.	Application Name	Version	Optional																		
1	Automatic Test Deck - Level 1		X																		
2	ImageCast Remote (UOCAVA) - Level 1		X																		
3	Mobile Ballot Printing (MBP) Module (with P)		X																		
4	Election Night Reporting Module - Level 1		X																		
5																					
3. Election Programming Services																					
<p>Preface: Historically, over half of Colorado's 64 counties have opted to acquire less than the complete EMS solution for their legacy voting systems, and instead engaged their voting system vendor to provide election definition and device programming services. In the cell below, please describe the election and device programming services that your organization can offer with respect to the temporarily approved voting system, and describe the manner in which you charge for these services in sufficient detail to enable us to calculate the cost for this service for an average county in this tier. Please be sure to include in your response whether these service charges are based on the number of registered voters, the number of ballot styles, or other factors. Please also indicate all EMS hardware and software components that counties opting for this service will not need to acquire.</p>																					
<p>Response: Dominion offers a number of options with respect to election definition and file set up procedures. As part of this submission, we have included the option for the jurisdiction to either procure the full Democracy Suite EMS configuration or the Results Tally Reporting (RTR) module depending on their jurisdictional needs. The RTR module allows for jurisdictions to significantly lower their operating costs by purchasing only the module that applies to their needs and request setup services from their vendor. As such, Dominion employs a team of product specialist who specifically work on election definition and device programming. The individuals are experts in using the Dominion Democracy Suite® EMS system, and have a strong understanding of jurisdictional requirements. Because Dominion is a Colorado based company, many of these product specialists live and work in Colorado. The election definition process (including proofing, distribution, change management, etc.) is tailored to the county's needs. In general, the county (and/or state) provides the Jurisdictional information to Dominion for import into the Dominion's Democracy Suite® EED system (EED). The definition of an election project can be initiated by importing the election data from external systems or simply by defining all election projects without importing external data. It is important to note that an election project initiated by importing data can be further modified within the EED Client Application. Dominion then provides each county with ballots proofs (for all systems including audio) in order for the county to review and sign off on the ballot content. Once all election files are completed, generally Dominion provides the encrypted database to the county for the county to upload to the county's EED server. The county will then create ICX and ICC election files from EED and load the election files into their respective devices. Dominion can provide this service to the county as well, but because it is a simple process, most Dominion customers opt to perform the tasks on their own, thus further reducing their overall cost of service and support. Pricing for election definition and device programming can vary depending on the county's needs. Pricing can either be based on a time (hourly or daily), or bulk service pricing can be created based on several factors. The standard list pricing for product specialist services are shown on the List Pricing document included in this submission. Standard election pricing is indicated below: Price per Precinct: \$22.00 Price per Contests: \$22.00 Price per Candidates: \$11.00 Price per Ballot Styles: \$22.00</p>																					

Tier 3-Recommended System Configuration				
B. Central Count Solution				
1. Central count hardware				
a. Central count servers				
Item No.	Quantity	Manufacturer	Model	Optional
1				
2				
3				
4				
5				
b. Central count workstations/clients				
Item No.	Quantity	Manufacturer	Model	Optional
1	1	Dominion	ImageCast Central Workstation	
2	1	Dominion	ImageCast Central Adjudication Workstation	
3				
4				
5				
c. Central count scanners				
Item No.	Quantity	Manufacturer	Model	Throughput
1	1	Dominion	ImageCast Central (ICC) Scanner	4000 per hr
2				
3				
4				
5				
d. Miscellaneous/peripheral/other central count hardware				
Item No.	Quantity	Manufacturer	Model	Optional
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
2. Central count software				
a. Central count software				
Item No.	Application Name	Version	Optional	
1				
2				
3				
4				
5				
b. Digital ballot resolution and adjudication applications				
Item No.	Application Name	Version	Optional	
1	Democracy Suite ImageCast Central Adjudication Module - Level 1			
2				
3				
4				
5				
c. Other/miscellaneous central count software				
Item No.	Application Name	Version	Optional	
1				
2				
3				
4				
5				

Tier 3-Recommended System Configuration				
C. Polling Location Solution				
1. Polling location hardware and software				
a. Polling location servers				
Item No.	Quantity	Manufacturer	Model	Optional
1		Dominion	ImageCast X Server	
2				
3				
4				
5				
b. Ballot marking devices (tablets/workstations/clients)				
Item No.	Quantity	Manufacturer	Model	Optional
1	2	Dominion	ImageCast X Voting Terminal	
2	1	Dominion	ImageCast X Voting Terminal (with Accessible Features)	
3				
4				
5				
c. Polling location tabulators				
Item No.	Quantity	Manufacturer	Model	Optional
1				X
2				X
3				X
4				X
5				X
d. Polling location miscellaneous/peripheral/other hardware				
Item No.	Quantity	Manufacturer	Model	Optional
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

6.0 Project Labor Cost Table (Please see notes and assumptions below)	
Description	Total Cost
<i>Project Management Fees (if any) before Deploying Recommended System for Average County in each County Tier</i>	
Tier 1.1 (Please itemize separate billable components)	
	\$ -
Total - Tier 1.1 County	\$ -
Tier 1.2 (Please itemize separate billable components)	
	\$ -
Total - Tier 1.2 County	\$ -
Tier 1.3 (Please itemize separate billable components)	
	\$ -
Total - Tier 1.3 County	\$ -
Tier 1.4 (Please itemize separate billable components)	
	\$ -
Total - Tier 1.4 County	\$ -
Tier 2 (Please itemize separate billable components)	
	\$ -
Total - Tier 2 County	\$ -
Tier 3 (Please itemize separate billable components)	
	\$ -
Total - Tier 3 County	\$ -

Tab 6.0: Project Labor Cost Table

6.0 Project Labor Cost Table (Please see notes and assumptions below)	
Description	Total Cost
Onsite Training for Average County in each County Tier (List each training class or course, its duration, and specify max. number of trainees) (Any travel should be in Travel spreadsheet)	
Tier 1.1	
Acceptance Testing Training	\$ 1,565.00
Programming	\$ 4,690.00
Tally, Adjudication, Reporting	\$ 3,125.00
ICC Operator Training	\$ 1,565.00
ICX Operator Training	\$ 1,565.00
Pollworker Train the Trainer	\$ 1,565.00
Pre-LAT Training	\$ 1,565.00
Total - Tier 1.1 County	\$ 15,640.00
Tier 1.2 (Please itemize separate billable components)	
Acceptance Testing Training	\$ 1,565.00
Programming	\$ 4,690.00
Tally, Adjudication, Reporting	\$ 3,125.00
ICC Operator Training	\$ 1,565.00
ICX Operator Training	\$ 1,565.00
Pollworker Train the Trainer	\$ 1,565.00
Pre-LAT Training	\$ 1,565.00
Total - Tier 1.2 County	\$ 15,640.00
Tier 1.3 (Please itemize separate billable components)	
Acceptance Testing Training	\$ 525.00
Programming	\$ 1,565.00
Tally, Adjudication, Reporting	\$ 1,045.00
ICC Operator Training	\$ 525.00
ICX Operator Training	\$ 525.00
Pollworker Train the Trainer	\$ 525.00
Pre-LAT Training	\$ 525.00
Total - Tier 1.3 County	\$ 5,235.00
Tier 1.4 (Please itemize separate billable components)	
Acceptance Testing Training	\$ 315.00
Election Files and general EMS	\$ 940.00
Tally, Adjudication, Reporting	\$ 625.00
ICC Operator Training	\$ 315.00
ICX Operator Training	\$ 315.00
Pollworker Train the Trainer	\$ 315.00
Pre-LAT Training	\$ 315.00
Total - Tier 1.4 County	\$ 3,140.00
Tier 2 (Please itemize separate billable components)	
Acceptance Testing Training	\$ 315.00
Election Files and general EMS	\$ 940.00
Tally, Adjudication, Reporting	\$ 625.00
ICC Operator Training	\$ 315.00
ICX Operator Training	\$ 315.00
Pollworker Train the Trainer	\$ 315.00
Pre-LAT Training	\$ 315.00
Total - Tier 2 County	\$ 3,140.00
Tier 3 (Please itemize separate billable components)	
Acceptance Testing Training	\$ 315.00
Election Files and general EMS	\$ 940.00
Tally, Adjudication, Reporting	\$ 625.00
ICC Operator Training	\$ 315.00
ICX Operator Training	\$ 315.00
Pollworker Train the Trainer	\$ 315.00
Pre-LAT Training	\$ 315.00
Total - Tier 3 County	\$ 3,140.00

6.0 Project Labor Cost Table (Please see notes and assumptions below)	
Description	Total Cost
Implementation / Installation / Configuration / Acceptance Testing for Average County in each County Tier	
Tier 1.1 (Please itemize separate billable components)	
Acceptance Testing	\$ 7,815.00
Server Installation	\$ 4,690.00
Software Installation	\$ 3,125.00
System Set-up	\$ 3,125.00
Total - Tier 1.1 County	\$ 18,755.00
Tier 1.2 (Please itemize separate billable components)	
Acceptance Testing	\$ 7,815.00
Server Installation	\$ 4,690.00
Software Installation	\$ 3,125.00
System Set-up	\$ 3,125.00
Total - Tier 1.2 County	\$ 18,755.00
Tier 1.3 (Please itemize separate billable components)	
Acceptance Testing	\$ 3,125.00
Server Installation	\$ 1,565.00
Software Installation	\$ 1,565.00
System Set-up	\$ 1,565.00
Total - Tier 1.3 County	\$ 7,820.00
Tier 1.4 (Please itemize separate billable components)	
Acceptance Testing	\$ 3,125.00
Server Installation	\$ 1,565.00
Software Installation	\$ 1,565.00
System Set-up	\$ 1,565.00
Total - Tier 1.4 County	\$ 7,820.00
Tier 2 (Please itemize separate billable components)	
Acceptance Testing	\$ 3,125.00
Server Installation	\$ 1,565.00
Software Installation	\$ 1,565.00
System Set-up	\$ 1,565.00
Total - Tier 2 County	\$ 7,820.00
Tier 3 (Please itemize separate billable components)	
Acceptance Testing	\$ 3,125.00
Server Installation	\$ 1,565.00
Software Installation	\$ 1,565.00
System Set-up	\$ 1,565.00
Total - Tier 3 County	\$ 7,820.00

6.0 Project Labor Cost Table (Please see notes and assumptions below)	
Description	Total Cost
Other Costs - Please itemize other project management/training/implementation costs not captured above for Average County in each County Tier	
Tier 1.1 (Please itemize separate billable components)	
State Project Manager	\$ 37,500.00
County Project Manager	\$ 112,500.00
Technical Project Manager	\$ 37,500.00
Senior Support Specialist	\$ 31,250.00
Total - Tier 1.1 County	\$ 218,750.00
Tier 1.2 (Please itemize separate billable components)	
State Project Manager	\$ 18,750.00
County Project Manager	\$ 56,250.00
Technical Project Manager	\$ 18,750.00
Senior Support Specialist	\$ 15,625.00
Total - Tier 1.2 County	\$ 109,375.00
Tier 1.3 (Please itemize separate billable components)	
State Project Manager	\$ 12,500.00
Regional Project Manager	\$ 12,500.00
Technical Project Manager	\$ 31,250.00
Total - Tier 1.3 County	\$ 56,250.00
Tier 1.4 (Please itemize separate billable components)	
State Project Manager	\$ 6,250.00
Regional Project Manager	\$ 12,500.00
Technical Project Manager	\$ 15,625.00
Total - Tier 1.4 County	\$ 34,375.00
Tier 2 (Please itemize separate billable components)	
State Project Manager	\$ 2,680.00
Regional Project Manager	\$ 8,035.00
Technical Project Manager	\$ 6,695.00
Total - Tier 2 County	\$ 17,410.00
Tier 3 (Please itemize separate billable components)	
State Project Manager	\$ 1,070.00
Regional Project Manager	\$ 6,430.00
Technical Project Manager	\$ 5,360.00
Total - Tier 3 County	\$ 12,860.00
Other	
Printer Qualification (estimate 3 printers)	\$ 28,125.00
Additional Implementation Costs for Denver and Mesa	\$ 41,250.00
	\$ -
Other Total	\$ 69,375.00

Notes and Assumptions

1. Pricing for all 64 counties, except Denver and Mesa
2. Denver and Mesa additional implementation pricing is in "Other Total"
3. Pricing does not include any election support activity including ED support, database creation, Pre-LAT support, etc.
4. Pricing for Election Support Activity can be provided upon request
5. Pricing assumes regional implementation approach for tiers 1.3, 1.4, 2 and 3
6. Travel and documentation included in pricing

Tab 7.0: Post-Implementation Support Table

7.0 Post-Implementation Support Cost Table					
Support Category for Tier 1.1 County	Warranty Period	Post-Warranty Year 1	Post-Warranty Year 2	Post-Warranty Year 3	Total
Warranty	\$ -				\$ -
Operations Support		\$ -	\$ -	\$ -	\$ -
Maintenance Support		\$ -	\$ -	\$ -	\$ -
Application Support		\$ -	\$ -	\$ -	\$ -
SUPPORT SUB-TOTAL - Tier 1.1	\$ -	\$ -	\$ -	\$ -	\$ -
Support Category for Tier 1.2 County	Warranty Period	Post-Warranty Year 1	Post-Warranty Year 2	Post-Warranty Year 3	Total
Warranty	\$ -				\$ -
Operations Support		\$ -	\$ -	\$ -	\$ -
Maintenance Support		\$ -	\$ -	\$ -	\$ -
Application Support		\$ -	\$ -	\$ -	\$ -
SUPPORT SUB-TOTAL - Tier 1.2	\$ -	\$ -	\$ -	\$ -	\$ -
Support Category for Tier 1.3 County	Warranty Period	Post-Warranty Year 1	Post-Warranty Year 2	Post-Warranty Year 3	Total
Warranty	\$ -				\$ -
Operations Support		\$ -	\$ -	\$ -	\$ -
Maintenance Support		\$ -	\$ -	\$ -	\$ -
Application Support		\$ -	\$ -	\$ -	\$ -
SUPPORT SUB-TOTAL - Tier 1.3	\$ -	\$ -	\$ -	\$ -	\$ -
Support Category for Tier 1.4 County	Warranty Period	Post-Warranty Year 1	Post-Warranty Year 2	Post-Warranty Year 3	Total
Warranty	\$ -				\$ -
Operations Support		\$ -	\$ -	\$ -	\$ -
Maintenance Support		\$ -	\$ -	\$ -	\$ -
Application Support		\$ -	\$ -	\$ -	\$ -
SUPPORT SUB-TOTAL - Tier 1.4	\$ -	\$ -	\$ -	\$ -	\$ -
Support Category for Tier 2 County	Warranty Period	Post-Warranty Year 1	Post-Warranty Year 2	Post-Warranty Year 3	Total
Warranty	\$ -				\$ -
Operations Support		\$ -	\$ -	\$ -	\$ -
Maintenance Support		\$ -	\$ -	\$ -	\$ -
Application Support		\$ -	\$ -	\$ -	\$ -
SUPPORT SUB-TOTAL - Tier 2	\$ -	\$ -	\$ -	\$ -	\$ -
Support Category for Tier 3 County	Warranty Period	Post-Warranty Year 1	Post-Warranty Year 2	Post-Warranty Year 3	Total
Warranty	\$ -				\$ -
Operations Support		\$ -	\$ -	\$ -	\$ -
Maintenance Support		\$ -	\$ -	\$ -	\$ -
Application Support		\$ -	\$ -	\$ -	\$ -
SUPPORT SUB-TOTAL - Tier 3	\$ -	\$ -	\$ -	\$ -	\$ -

Note: CDOS requests a warranty period for one-year from the date of acquisition. Please feel free to explain the terms and conditions of warranties, operations support, maintenance support and application support in an attachment to your final submission.

Dominion Note: Hardware warranty is specific to customer hardware configuration selected, and pricing is reflected with the hardware component pricing on other schedules. Operations support and maintenance support are specific to the level and frequency of support required by the individual customer, and pricing is reflected on other schedules. Application support is specific to customer application modules selected, and pricing is reflected with the application module pricing on other schedules.

8.0 Miscellaneous Cost Table for Average County in each County Tier		
Item	Description	Total Cost
Tier 1.1 Counties		
Documentation		\$ -
Non-Training Travel		\$ -
Training Travel		\$ -
Escrow Agent (Source Code)		\$ -
Other:		\$ -
Other:		\$ -
Other:		\$ -
Total Miscellaneous Costs - Tier 1.1		\$ -
Tier 1.2 Counties		
Documentation		\$ -
Non-Training Travel		\$ -
Training Travel		\$ -
Escrow Agent (Source Code)		\$ -
Other:		\$ -
Other:		\$ -
Other:		\$ -
Total Miscellaneous Costs - Tier 1.2		\$ -
Tier 1.3 Counties		
Documentation		\$ -
Non-Training Travel		\$ -
Training Travel		\$ -
Escrow Agent (Source Code)		\$ -
Other:		\$ -
Other:		\$ -
Other:		\$ -
Total Miscellaneous Costs - Tier 1.3		\$ -
Tier 1.4 Counties		
Documentation		\$ -
Non-Training Travel		\$ -
Training Travel		\$ -
Escrow Agent (Source Code)		\$ -
Other:		\$ -
Other:		\$ -
Other:		\$ -
Total Miscellaneous Costs - Tier 1.4		\$ -
Tier 2 Counties		
Documentation		\$ -
Non-Training Travel		\$ -
Training Travel		\$ -
Escrow Agent (Source Code)		\$ -
Other:		\$ -
Other:		\$ -
Other:		\$ -
Total Miscellaneous Costs - Tier 2		\$ -
Tier 3 Counties		
Documentation		\$ -
Non-Training Travel		\$ -
Training Travel		\$ -
Escrow Agent (Source Code)		\$ -
Other:		\$ -
Other:		\$ -
Other:		\$ -
Total Miscellaneous Costs - Tier 3		\$ -

Dominion has included these items in its implementation pricing proposal. Any additional items are represented as part of the standard Dominion Services Pricing which can be added during contract negotiations and is included as an attachment spreadsheet to this proposal submission.

Dominion Services Pricing

Type of Service/Support Election Week	Resource Level	Price	Notes
On site Election Day Product/Service Support - Three Day Election Support (Monday arrival, Wednesday departure)	Any level, other than those noted below	\$4500/ per 3 days	Additional Days are \$2000/per day. Must be scheduled 30 days in advance
Election Day Technician (Field - Rover)	Field Technician/Rover	\$1200/ per day	Must be scheduled 30 days in advance
Off-site Remote Telephone Support - per Election	Technician	\$750/per election	Must be scheduled 30 days in advance
Off-site Election Day Phone Support - UNSCHEDULED*	Senior Specialist/Project Manager or available resource. **Account does not schedule in advance, but requires phone support.	\$1,500/Election Day	Additional time at the hourly rate
Type of Service/Support NON- Election Week	Resource Level	Price	Notes
On-site General Service: Product Support Hardware or Software	Technician	\$2000/per day	
On-site General Service: Product Support Hardware or Software	Senior Manager or Senior Specialist	\$3800/first day	\$2500/additional days
Product Support - Training	Trainer (Number of attendees in a class is dependent upon the product. Check with Customer Service Manager.)	\$2500 per day, + \$200 per day/per trainee	
Off County site, in-house (DVS) or non-contractual services for EMS Setup	Product Specialist	\$235/per hour	
Off County site, in-house (DVS) or non-contractual services for custom documentation	Product Specialist	\$200/per hour	

Note: Travel and Expenses are included in Service/Support Fees outlined above, if booked 30 days prior to requested service.