HART INTERCIVIC NARRATIVE – NOVEMBER 13

ENHANCEMENTS

The Verity® Voting system from Hart InterCivic is built on input gained from *listening* to our customers and other election constituents in Colorado and nationwide. The product development roadmap for Verity includes enhancements designed specifically to meet the needs of Colorado's election administrators and voters. As we continue to enhance the system over the lifetime of this flagship product, we will keep listening to Colorado election stakeholders to ensure that Verity best meets the needs of the State going forward.

Near-term enhancements for the temporarily approved Verity system are essentially complete. They are scheduled for anticipated delivery in 2016 as part of our Verity Voting 2.0 release. We anticipate Verity Voting 2.0 will complete VSTL testing (VVSG 2005 conformance) in March 2016. At that point, we will seek Colorado certification. May 2016 is the anticipated target for completion of EAC certification.

Among Verity's updated features, the following are of most benefit to Colorado's 64 counties:

Updated Verity Data. The updated Verity Data component that will be available with Verity Voting 2.0 is a more robust, full-featured software application. Verity Data provides an intuitive, easy-to-use interface that enables users to import and use jurisdiction and election data to lay out ballots. The interface and workflow are consistent with those of all other Verity components, so the learning curve for using this updated application is minimal.

General Performance Enhancements. Verity Voting 2.0 also brings Colorado counties the following performance enhancements:

- Faster ballot generation from Verity Build

- New HTML and CSV exports from Verity Count

OTHER PRODUCTS AND SERVICES OFFERED

PRODUCTS

Verity Print. Verity Print revolutionizes the ballot-on-demand concept. While most solutions chalk up significant operational costs over the years with per-click and per-page fees, Verity Print allows users to print as many ballots as desired with no costs beyond the purchase price of the unit and ballot paper.

The Verity Print ballot-on-demand system (list price $5875) is housed in an integrated, secure case for storage and transportation to the VSPCs. Because Verity Print is part of the holistic Verity device platform, it shares a similar form factor and user interface with the other devices. When election officials learn to use Verity Scan or Verity Touch Writer, they are also getting an easy leg up on Verity Print. Like all Verity devices, Print features an intuitive, user-friendly, "plain language" interface.

Verity Print can print individual ballots one at a time or in batches up to a quantity of 100. The system is compatible with the use of a barcode scanner, and it is ready for integration with e-Poll Books or voter registration systems (e.g., SCORE) that can produce a barcode in our easy-to-meet format. The "AutoBallot" barcode scanner option automates the process of selecting the right ballot style at a VSPC, and it prints unmarked ballots on-demand, **without any click charges.**

SERVICES

Hart has served 45 Colorado counties since 2006. We greatly value these customer relationships and are committed to continuing to improve upon our service delivery – delivery that is rated higher than that of any other election solution provider. In our 2015 customer satisfaction survey, 94 percent of Hart customers rated our service as excellent or above average. A more telling 92 percent said they would recommend Hart to a colleague. This is a loyalty rating equivalent to Apple's, Amazon's, Southwest Airlines' and other nationally respected companies' scores.

"I have been completely satisfied with everything and the relationships you have built with your customers. Thank you for all you have done!"

Corinne Lengel, Lincoln County, Colorado

CONCLUSION

As Verity continues to evolve over its long product life, Hart will continue to look to our Colorado customers for input and to ensure that the State's counties have ready access to every applicable enhancement.

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 miscellanous 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 **Verity Data Server** (For ballot Layout)	1	HP	Z230	No*			
2 **Verity Build/Count Server** (For election definition/tabulation)	1	HP	Z230	No*			
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 **Reports Printer**	1	Okidata	B431D	No			
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 **vDrive Portable Flash Memory**	60	Hart	vDrive	No			
2 **Verity Key Security Token**	5	Hart	Key	No			
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 Ballot Layout	**Verity Data**	Verity 1.3.3	No*						
2 Election Definition and Deployment	**Verity Build**	Verity 1.0.3	No*						
3									
4									
5									
c. Tabulation and results reporting									
Item No.	Application Name	Version	Optional						
1 Tabulation and Reporting	Verity Count	Verity 1.0.3	No						
2									
3									
4									
5									
d. Other EMS software									
Item No.	Application Name	Version	Optional						
1									
2									
3									
4									
5									
3. Election Programming Services									
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.									
Response: See Ballot Production Services Pricing Sheet									

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 Verity Central Server	2	HP	Z230	No, but quantity could be reduced for smaller counties in tier
2				
3				
4				
5				

b. Central count workstations/clients

Item No.	Quantity	Manufacturer	Model	Optional
1 Verity Central Client	6	HP	Z230	No, but quantity could be reduced for smaller counties in tier
2				
3				
4				
5				

c. Central count scanners

Item No.	Quantity	Manufacturer	Model	Throughput
1 COTS High Speed Scanner	6	Canon	DRG-1130	130 ppm
2				
3				
4				
5				

d. Miscellaneous/peripheral/other central count hardware

Item No.	Quantity	Manufacturer	Model	Optional
1 Reports Printer	1	Okidata	B431D	Yes
2				
3				
4				
5				
6				
7				
8				
9				
10				

2. Central count software

a. Central count software

Item No.	Application Name	Version	Optional
1 High Speed Scanning and Resolution Software	Verity Central	Verity 1.0.3	No
2			
3			
4			
5			

b. Digital ballot resoultion and adjudication applications

Item No.	Application Name	Version	Optional
1			
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											
2											
3											
4											
5											

b. Ballot marking devices (tablets/workstations/clients)

Item No.	Quantity	Manufacturer	Model	Optional							
1 Verity Touch Writer with Access	23	Hart InterCivic	Verity Touch Writer with Access	No							
2											
3											
4											
5											

c. Polling location tabulators

Item No.	Quantity	Manufacturer	Model	Optional							
Verity Scan	TBD	Hart InterCivic	Verity Scan	Yes							
2											
3											
4											
5											

d. Polling location miscellaneous/peripheral/other hardware

Item No.	Quantity	Manufacture	Model	Optional							
1 6 Bay Battery Charger	2	Hart InterCivic	6 Bay Battery Charger	No							
2											
3											
4											
5											
6											
7											
8											
9											
10											

* If the a county elects to use Hart Ballot Production Services then Verity Build and Data are not required

Tier 1.2-Recommended System Configuration

									Tier 1.2 Recap:		
A. Election Management Solution (including election definition, election data management, ballot layout, editing & generation, tabulation, and results reporting)											
									Average active voters-2012G		208,576
1. EMS Hardware									No. of counties in tier		2
a. EMS servers									Avg min number of Election Day VSPCs required		14
Item No.	Quantity	Manufacturer	Model	Optional							
1 **Verity Data Server**									Projected total mail ballots-2016P		175,157
(For ballot Layout)	1	HP	Z230	No*							
2 **Verity Build/Count Server**									Projected highest daily volume of mail ballots-2016P		37,652
(For election definition/tabulation)	1	HP	Z230	No*					Projected total of in-person ballots cast-2016P		11,624
3									Projected highest daily volume of in-person ballots per VSPC-2016P		623
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 **Reports Printer**	1	Okidata	B431D	No							
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 **vDrive Portable Flash Memory**	34	Hart InterCivic	vDrive	No							
2 **Verity Key Security Token**	4	Hart InterCivic	Verity Key	No							
3											
4											
5											

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 Ballot Layout	**Verity Data**	Verity 1.3.3	No*
2 Election Definition and Deployment	**Verity Build**	Verity 1.0.3	No*
3			
4			
5			

c. Tabulation and results reporting

Item No.	Application Name	Version	Optional
1 Tabulation and Reporting	Verity Count	Verity 1.0.3	No
2			
3			
4			
5			

d. Other EMS software

Item No.	Application Name	Version	Optional
1			
2			
3			
4			
5			

3. Election Programming Services

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.

Response: See Ballot Production Services Pricing Sheet

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 **Verity Central Server**	1	HP	Z230	No
2				
3				
4				
5				

b. Central count workstations/clients

Item No.	Quantity	Manufacturer	Model	Optional
1 **Verity Central Client**	3	HP	Z230	No, but quantity could be reduced for smaller counties in tier
2				
3				
4				
5				

c. Central count scanners

Item No.	Quantity	Manufacturer	Model	Throughput
1 **COTS High Speed Scanner**	3	Canon	DRG-1130	130 ppm
2				
3				
4				
5				

d. Miscellaneous/peripheral/other central count hardware

Item No.	Quantity	Manufacturer	Model	Optional
1 **Reports Printer**	1	Okidata	B431D	Yes
2				
3				
4				
5				
6				
7				
8				
9				
10				

2. Central count software

a. Central count software

Item No.	Application Name	Version	Optional
1 **High Speed Scanning and Resolution Software**	**Verity Central**	Verity 1.0.3	No
2			
3			
4			
5			

b. Digital ballot resoultion and adjudication applications

Item No.	Application Name	Version	Optional
1			
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				
2				
3				
4				
5				

b. Ballot marking devices (tablets/workstations/clients)

Item No.	Quantity	Manufacturer	Model	Optional
1 Verity Touch Writer with Access	14	Hart InterCivic	Verity Touch Writer with Access	No
2				
3				
4				
5				

c. Polling location tabulators

Item No.	Quantity	Manufacturer	Model	Optional
1 Verity Scan	TBD	Hart InterCivic	Verity Scan	Yes
2				
3				
4				
5				

d. Polling location miscellaneous/peripheral/other hardware

Item No.	Quantity	Manufacture	Model	Optional
1 6 Bay Battery Charger	2	Hart InterCivic	6 Bay Battery Charger	No
2				
3				
4				
5				
6				
7				
8				
9				
10				

* If the a county elects to use Hart Ballot Production Services then Verity Build and Data are not required

Tier 1.3-Recommended System Configuration

A. Election Management Solution (including election definition, election data management, ballot layout, editing & generation, tabulation, and results reporting)

							Tier 1.3 Recap:	
1. EMS Hardware							**Average active voters-2012G**	**173,533**
a. EMS servers							**No. of counties in tier**	**3**
Item No.	Quantity	Manufacturer	Model	Optional			**Avg min number of Election Day VSPCs required**	**11**
1 **Verity Data Server**								
(For ballot Layout)	1	HP	Z230	No*			**Projected total mail ballots-2016P**	**158,209**
2 **Verity Build/Count Server**								
(For election definition/tabulation)	1	HP	Z230	No*			**Projected highest daily volume of mail ballots-2016P**	**33,330**
3							**Projected total of in-person ballots cast-2016P**	**8,572**
4							**Projected highest daily volume of in-person ballots per VSPC-2016P**	**567**
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 **Reports Printer**	1	Okidata	B431D	Yes				
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 **vDrive Portable Flash Memory**	26	Hart InterCivic	vDrive	No				
2 **Verity Key Security Token**	4	Hart InterCivic	Verity Key	No				
3								
4								
5								

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 Ballot Layout	**Verity Data**	Verity 1.3.3	No*
2 Election Definition and Deployment	**Verity Build**	Verity 1.0.3	No*
3			
4			
5			

c. Tabulation and results reporting

Item No.	Application Name	Version	Optional
1 Tabulation and Reporting	Verity Count	Verity 1.0.3	No
2			
3			
4			
5			

d. Other EMS software

Item No.	Application Name	Version	Optional
1			
2			
3			
4			
5			

3. Election Programming Services

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.

Response: See Ballot Production Services Pricing Sheet

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 Verity Central Server	1	HP	Z230	No
2				
3				
4				
5				

b. Central count workstations/clients

Item No.	Quantity	Manufacturer	Model	Optional
1 Verity Central Client	2	HP	Z230	No
2				
3				
4				
5				

c. Central count scanners

Item No.	Quantity	Manufacturer	Model	Throughput
1 COTS High Speed Scanner	2	Canon	DRG-1130	130 ppm
2				
3				
4				
5				

d. Miscellaneous/peripheral/other central count hardware

Item No.	Quantity	Manufacturer	Model	Optional
1 Reports Printer	1	Okidata	B431D	No
2				
3				
4				
5				
6				
7				
8				
9				
10				

2. Central count software

a. Central count software

Item No.	Application Name	Version	Optional
1 High Speed Scanning and Resolution Software	Verity Central	Verity 1.0.3	No
2			
3			
4			
5			

b. Digital ballot resoultion and adjudication applications

Item No.	Application Name	Version	Optional
1			
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				
2				
3				
4				
5				

b. Ballot marking devices (tablets/workstations/clients)

Item No.	Quantity	Manufacturer	Model	Optional
1 Verity Touch Writer with Access	11	Hart InterCivic	Verity Touch Writer with Access	No
2				
3				
4				
5				

c. Polling location tabulators

Item No.	Quantity	Manufacturer	Model	Optional
1 Verity Scan	TBD	Hart InterCivic	Verity Scan	Yes
2				
3				
4				
5				

d. Polling location miscellaneous/peripheral/other hardware

Item No.	Quantity	Manufacture	Model	Optional
1 6 Bay Battery Charger	1	Hart InterCivic	6 Bay Battery Charger	No
2				
3				
4				
5				
6				
7				
8				
9				
10				

* If the a county elects to use Hart Ballot Production Services then Verity Build and Data are not required

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							**Tier 1.4 Recap:**		
							Average active voters-2012G		**50,463**
a. EMS servers							**No. of counties in tier**		**6**
Item No.	Quantity	Manufacturer	Model	Optional			**Avg min number of Election Day VSPCs required**		**4**
1 Verity Data Server (For ballot Layout)	1	HP	Z230	No*			**Projected total mail ballots-2016P**		**44,306**
2 Verity Build/Count Server (For election definition/tabulation)	1	HP	Z230	No*			**Projected highest daily volume of mail ballots-2016P**		**8,875**
3							**Projected total in-person ballots cast-2016P**		**1,774**
4							**Projected highest daily volume in-person ballots per VSPC-2016P**		**336**
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 Reports Printer	1	Okidata	B431D	Yes					
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 **vDrive Portable Flash Memory**	14	Hart InterCivic	vDrive	No					
2 **Verity Key Security Token**	3	Hart InterCivic	Verity Key	No					
3									
4									
5									

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 Ballot Layout	**Verity Data**	Verity 1.3.3	No*
2 Election Definition and Deployment	**Verity Build**	Verity 1.0.3	No*
3			
4			
5			

c. Tabulation and results reporting

Item No.	Application Name	Version	Optional
1 Tabulation and Reporting	Verity Count	Verity 1.0.3	No
2			
3			
4			
5			

d. Other EMS software

Item No.	Application Name	Version	Optional
1			
2			
3			
4			
5			

3. Election Programming Services

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.

Response: See Ballot Production Services Pricing Sheet

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 Verity Central Server	1	HP	Z230	No
2				
3				
4				
5				

b. Central count workstations/clients

Item No.	Quantity	Manufacturer	Model	Optional
1				
2				
3				
4				
5				

c. Central count scanners

Item No.	Quantity	Manufacturer	Model	Throughput
1 COTS High Speed Scanner	1	Canon	DRG-1130	130 ppm
2				
3				
4				
5				

d. Miscellaneous/peripheral/other central count hardware

Item No.	Quantity	Manufacturer	Model	Optional
1 Reports Printer	1	Okidata	B431D	Yes
2				
3				
4				
5				
6				
7				
8				
9				
10				

2. Central count software

a. Central count software

Item No.	Application Name	Version	Optional
1 High Speed Scanning and Resolution Software	Verity Central	Verity 1.0.3	No
2			
3			
4			
5			

b. Digital ballot resoultion and adjudication applications

Item No.	Application Name	Version	Optional
1			
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				
2				
3				
4				
5				

b. Ballot marking devices (tablets/workstations/clients)

Item No.	Quantity	Manufacturer	Model	Optional
1 Verity Touch Writer with Access	4	Hart InterCivic	Verity Touch Writer with Access	No
2				
3				
4				
5				

c. Polling location tabulators

Item No.	Quantity	Manufacturer	Model	Optional
1 Verity Scan	TBD	Hart InterCivic	Verity Scan	Yes
2				
3				
4				
5				

d. Polling location miscellaneous/peripheral/other hardware

Item No.	Quantity	Manufacture	Model	Optional
1 6 Bay Battery Charger	1	Hart InterCivic	6 Bay Battery Charger	No
2				
3				
4				
5				
6				
7				
8				
9				
10				

* If the a county elects to use Hart Ballot Production Services then Verity Build and Data are not required

Tier 2-Recommended System Configuration

A. Election Management Solution (including election definition, election data management, ballot layout, editing & generation, tabulation, and results reporting)

							Tier 2 Recap:		
1. EMS Hardware							**Average active voters-2012G**		**15,427**
	a. EMS servers						**No. of counties in tier**		**14**
Item No.	Quantity	Manufacturer	Model	Optional			**Avg min number of Election Day VSPCs required**		**3**
1 **Verity Data Server** (For ballot Layout)	1	HP	Z230	Yes, with Election Programming Services			**Projected total mail ballots-2016P**		**13,947**
2 **Verity Build/Count Server** (For election definition/tabulation)	1	HP	Z230	No. Build is optional			**Projected highest daily volume of mail ballots-2016P**		**2,534**
3							**Projected total in-person ballots cast-2016P**		**622**
4							**Projected highest daily volume in-person ballots per VSPC-2016P**		**149**
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 **Reports Printer**	1	Okidata	B431D	Yes					
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 **vDrive Portable Flash Memory**	11	Hart InterCivic	vDrive	No					
2 **Verity Key Security Token**	3	Hart InterCivic	Verity Key	No					
3									
4									
5									

Tier 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 Ballot Layout	**Verity Data**	Verity 1.3.3	Yes, with Election Programming Services						
2 Election Definition and Deployment	**Verity Build**	Verity 1.0.3	Yes, with Election Programming Services						
3									
4									
5									
c. Tabulation and results reporting									
Item No.	Application Name	Version	Optional						
1 Tabulation and Reporting	Verity Count	Verity 1.0.3	No						
2									
3									
4									
5									
d. Other EMS software									
Item No.	Application Name	Version	Optional						
1									
2									
3									
4									
5									

3. Election Programming Services

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.

Response: See Ballot Production Services Pricing Sheet

Tier 2-Recommended System Configuration

B. Central Count Solution

1. Central count hardware

a. Central count servers

Item No.		Quantity	Manufacturer	Model	Optional						
1 **Verity Central Server**		1	HP	Z230	No						
2											
3											
4											
5											

b. Central count workstations/clients

Item No.		Quantity	Manufacturer	Model	Optional						
1											
2											
3											
4											
5											

c. Central count scanners

Item No.		Quantity	Manufacturer	Model	Throughput						
1 **COTS High Speed Scanner**		1	Canon	DRG-1100	100 ppm						
2											
3											
4											
5											

d. Miscellaneous/peripheral/other central count hardware

Item No.		Quantity	Manufacturer	Model	Optional						
1 **Reports Printer**		1	Okidata	B431D	Yes						
2											
3											
4											
5											
6											
7											
8											
9											
10											

2. Central count software

a. Central count software

Item No.		Application Name	Version	Optional						
1 **High Speed Scanning and Resolution Software**		**Verity Central**	Verity 1.0.3	No						
2										
3										
4										
5										

b. Digital ballot resoultion and adjudication applications

Item No.		Application Name	Version	Optional						
1										
2										
3										
4										
5										

c. Other/miscellaneous central count software

Item No.		Application Name	Version	Optional						
1										
2										
3										
4										
5										

Tier 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										
2										
3										
4										
5										

b. Ballot marking devices (tablets/workstations/clients)

Item No.	Quantity	Manufacturer	Model	Optional						
1 Verity Touch Writer with Access	3	Hart InterCivic	Verity Touch Writer with Access	No						
2										
3										
4										
5										

c. Polling location tabulators

Item No.	Quantity	Manufacturer	Model	Optional						
1 Verity Scan	TBD	Hart InterCivic	Verity Scan	Yes						
2										
3										
4										
5										

d. Polling location miscellaneous/peripheral/other hardware

Item No.	Quantity	Manufacture	Model	Optional						
1 6 Bay Battery Charger	1	Hart InterCivic	6 Bay Battery Charger	No						
2										
3										
4										
5										
6										
7										
8										
9										
10										

Tier 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 Verity Data Server (For ballot Layout)	1	HP	Z230	Yes, with Election Programming Services
2 Verity Build/Count Server (For election definition/tabulation)	1	HP	Z230	No. Build is optional
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 Reports Printer	1	Okidata	B431D	Yes
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 vDrive Portable Flash Memory	6	Hart InterCivic	vDrive	No
2 Verity Key Security Token	3	Hart InterCivic	Verity Key	No
3				
4				
5				

Tier 3 Recap:	
Average active voters-2012G	4,072
No. of counties in tier	35
Avg min number of Election Day VSPCs required	1
Projected total mail ballots-2016P	3,776
Projected highest daily volume of mail ballots-2016P	683
Projected total in-person ballots cast-2016P	112
Projected highest daily volume in-person ballots per VSPC-2016P	71

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 Ballot Layout	**Verity Data**	Verity 1.3.3	Yes, with Election Programming Services
2 Election Definition and Deployment	**Verity Build**	Verity 1.0.3	Yes, with Election Programming Services
3			
4			
5			

c. Tabulation and results reporting

Item No.	Application Name	Version	Optional
1 Tabulation and Reporting	Verity Count	Verity 1.0.3	No
2			
3			
4			
5			

d. Other EMS software

Item No.	Application Name	Version	Optional
1			
2			
3			
4			
5			

3. Election Programming Services

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.

Response: See Ballot Production Services Pricing Sheet

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				
2				
3				
4				
5				

c. Central count scanners

Item No.	Quantity	Manufacturer	Model	Throughput
1 Verity Scan	2	Hart InterCivic	Hart InterCivic	10 (8.5 x 11 inch) ballots per min. Double sided
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 resoultion and adjudication applications

Item No.	Application Name	Version	Optional
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				
2				
3				
4				
5				

b. Ballot marking devices (tablets/workstations/clients)

Item No.	Quantity	Manufacturer	Model	Optional
1 Verity Touch Writer with Access	1	Hart InterCivic	Verity Touch Writer with Access	No
2				
3				
4				
5				

c. Polling location tabulators

Item No.	Quantity	Manufacturer	Model	Optional
1 Verity Scan	TBD	Hart InterCivic	Verity Scan	Yes
2				
3				
4				
5				

d. Polling location miscellaneous/peripheral/other hardware

Item No.	Quantity	Manufacture	Model	Optional
1 6 Bay Battery Charger	1	Hart InterCivic	6 Bay Battery Charger	No
2				
3				
4				
5				
6				
7				
8				
9				
10				

4.0 Hardware Cost Table

Description	Make	Model	Purchase Cost/Unit	Annual Lease Cost / Unit*	Firmware License Fees/ Unit**
Precinct-based ballot scanning unit that includes ballot box, privacy screens and transport bag	Hart InterCivic	Verity Scan	$ 6,100.00	$ 1,336.69	$ 171.00
Accessible ballot marking device that includes COTS printer, printer stand and accessible voting booth	Hart InterCivic	Verity Touch Writer w/ Access	$ 4,725.00	$ 1,035.39	$ 149.00
Central scanning unit (110 ballots per min)	Canon Scanner	DRG-1100	$ 5,025.00	$ 1,101.13	$ -
Central scanning unit (130 ballots per min)	Canon Scanner	DRG-1130	$ 7,440.00	$ 1,630.33	$ -
Workstation computer used to run various Verity software programs. Includes monitor	HP	Z230	$ 3,220.00	$ 705.60	$ -
Memory device that works with Verity voting units to store cast vote records	Hart InterCivic	vDrive	$ 20.00	$ 4.38	$ -
Electronic security token that works with Verity voting units	Hart InterCivic	Verity Key	$ 50.00	$ 10.96	$ -
Battery charger for Verity voting unit	Hart InterCivic	6 Bay Battery Charger	$ 420.00	$ 92.03	$ -
Reports Printer	Okidata	B431D	$ 270.00	$ 59.17	$ -
			$ -	$ -	$ -
			$ -	$ -	$ -
			$ -	$ -	$ -
			$ -	$ -	$ -
			$ -	$ -	$ -
			$ -	$ -	$ -
			$ -	$ -	$ -
			$ -	$ -	$ -
			$ -	$ -	$ -
			$ -	$ -	$ -
			$ -	$ -	$ -
			$ -	$ -	$ -
			$ -	$ -	$ -
			$ -	$ -	$ -
			$ -	$ -	$ -
			$ -	$ -	$ -
			$ -	$ -	$ -
			$ -	$	$ -
* Annual Lease price assumes a 5 Year Term with payments in arrears. All lease pricing is subject to further credit review.				Please specify material terms of hardware lease arrangements, including minimum and maximum lease terms, and applicable capitalization rate(s):	Please state whether the first year's firmware license fees are included in the purchase cost or first year lease cost:
** The first year's firmware license fees are not included in the purchase cost or first year lease cost					

Tab 5.0: Software Cost Table

5.0 Software Cost Table				
Description	**Version**	**Purchase Cost / Unit**	**Lease Cost / Unit***	**Annual License Fees/ Unit****
Verity Central (Server)	Verity 1.0.3	$ 37,125.00	$ 8,135.20	$ 10,000.00
Verity Central (Client)	Verity 1.0.3	$ 9,285.00	$ 2,034.62	$ 2,500.00
Verity Count	Verity 1.0.3	$ 8,915.00	$ 1,953.54	$ 2,400.00
Verity Data	Verity 1.3.3	$ 8,915.00	$ 1,953.54	$ 2,400.00
Verity Build	Verity 1.0.3	$ 29,700.00	$ 6,508.16	$ 8,000.00
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
* Annual Lease price assumes a 5 Year Term with payments in arrears. All lease pricing is subject to further credit review.			Please specify material terms of software lease arrangements, including minimum and maximum lease terms, and applicable capitalization rate(s):	Please state whether the first year's software license fees are included in the purchase cost or first year lease cost:
** The first year's firmware license fees are not included in the purchase cost or first year lease cost				

6.0 Project Labor Cost Table (With Ballot Production Capability)

Description	Total Cost
Project Management Fees (if any) before Deploying Recommended System for Average County in each County Tier	
Tier 1.1 (Please itemize separate billable components)	
Hart Project Management (With Ballot Production Capability) (10 Days)	$12,000
	$ -
	$ -
	$ -
	$ -
Total - Tier 1.1 County	$ 12,000
Tier 1.2 (Please itemize separate billable components)	
Hart Project Management (With Ballot Production Capability) (7 Days)	$8,400
	$ -
	$ -
	$ -
	$ -
Total - Tier 1.2 County	$ 8,400
Tier 1.3 (Please itemize separate billable components)	
Hart Project Management (With Ballot Production Capability) (7 Days)	$8,400
	$ -
	$ -
	$ -
	$ -
Total - Tier 1.3 County	$ 8,400
Tier 1.4 (Please itemize separate billable components)	
Hart Project Management (With Ballot Production Capability) (6 Days)	$7,200
	$ -
	$ -
	$ -
	$ -
Total - Tier 1.4 County	$ 7,200
Tier 2 (Please itemize separate billable components)	
Hart Project Management (With Ballot Production Capability) (6 Days)	$7,200
	$ -
	$ -
	$ -
	$ -
Total - Tier 2 County	$ 7,200
Tier 3 (Please itemize separate billable components)	
Hart Project Management (With Ballot Production Capability) (6 Days)	$7,200
	$ -
	$ -
	$ -
	$ -
Total - Tier 3 County	$ 7,200
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	
Management & Best Practices, 4 hrs, 20 people - .5 day	$ 600.00
Data, 2 days, 10 people - 1 day	$ 1,200.00
Build, 4 hours, 10 people - .5 day	$ 600.00
Central, 1 day, 10 people - .5 day	$ 600.00
Count, 1 day, 10 people - .5 day	$ 600.00
Service & Maintenance, 2 days, 20 people - 1 day	$ 1,200.00
Polling Place Operations, 2 hours, 20 people - .25 day	$ 300.00
Total - Tier 1.1 County	$ 5,100.00
Tier 1.2 (Please itemize separate billable components)	
Management & Best Practices, 4 hrs, 20 people - .5 day	$ 600.00
Data, 2 days, 10 people - 1 day	$ 1,200.00
Build, 4 hours, 10 people - .5 day	$ 600.00
Central, 1 day, 10 people - .5 day	$ 600.00
Count, 1 day, 10 people - .5 day	$ 600.00
Service & Maintenance, 2 days, 20 people - 1 day	$ 1,200.00
Polling Place Operations, 2 hours, 20 people - .25 day	$ 300.00
Total - Tier 1.2 County	$ 5,100.00
Tier 1.3 (Please itemize separate billable components)	
Management & Best Practices, 4 hrs, 20 people - .5 day	$ 600.00
Data, 2 days, 10 people - 1 day	$ 1,200.00
Build, 4 hours, 10 people - .5 day	$ 600.00
Central, 1 day, 10 people - .5 day	$ 600.00
Count, 1 day, 10 people - .5 day	$ 600.00
Service & Maintenance, 2 days, 20 people - 1 day	$ 1,200.00
Polling Place Operations, 2 hours, 20 people - .25 day	$ 300.00
Total - Tier 1.3 County	$ 5,100.00
Tier 1.4 (Please itemize separate billable components)	
Management & Best Practices, 4 hrs, 20 people - .5 day	$ 600.00
Data, 2 days, 10 people - 1 day	$ 1,200.00
Build, 4 hours, 10 people - .5 day	$ 600.00
Central, 1 day, 10 people - .5 day	$ 600.00
Count, 1 day, 10 people - .5 day	$ 600.00
Service & Maintenance, 2 days, 20 people - 1 day	$ 1,200.00
Polling Place Operations, 2 hours, 20 people - .25 day	$ 300.00
Total - Tier 1.4 County	$ 5,100.00
Tier 2 (Please itemize separate billable components)	
Management & Best Practices, 4 hrs, 20 people - .5 day	$ 600.00
Data, 2 days, 10 people - 1 day	$ 1,200.00
Build, 4 hours, 10 people - .5 day	$ 600.00
Central, 1 day, 10 people - .5 day	$ 600.00
Count, 1 day, 10 people - .5 day	$ 600.00
Service & Maintenance, 2 days, 20 people - 1 day	$ 1,200.00
Polling Place Operations, 2 hours, 20 people - .25 day	$ 300.00
Total - Tier 2 County	$ 5,100.00
Tier 3 (Please itemize separate billable components)	
Management & Best Practices, 4 hrs, 20 people - .5 day	$ 600.00
Data, 2 days, 10 people - 1 day	$ 1,200.00
Build, 4 hours, 10 people - .5 day	$ 600.00
Central, 1 day, 10 people - .5 day	$ 600.00
Count, 1 day, 10 people - .5 day	$ 600.00
Service & Maintenance, 2 days, 20 people - 1 day	$ 1,200.00
Polling Place Operations, 2 hours, 20 people - .25 day	$ 300.00
Total - Tier 3 County	$ 5,100.00

6.0 Project Labor Cost Table (With Ballot Production Capability)

Implementation / Installation / Configuration / Acceptance Testing for Average County in each County Tier

Tier 1.1 (Please itemize separate billable components)	
Included in Project Management Fee	
Total - Tier 1.1 County	
Tier 1.2 (Please itemize separate billable components)	
Included in Project Management Fee	
Total - Tier 1.2 County	
Tier 1.3 (Please itemize separate billable components)	
Included in Project Management Fee	
Total - Tier 1.3 County	
Tier 1.4 (Please itemize separate billable components)	
Included in Project Management Fee	
Total - Tier 1.4 County	
Tier 2 (Please itemize separate billable components)	
Included in Project Management Fee	
Total - Tier 2 County	
Tier 3 (Please itemize separate billable components)	
Included in Project Management Fee	
Total - Tier 3 County	

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)		
Included in Project Management Fee	$	-
	$	-
	$	-
	$	-
	$	-
Total - Tier 1.1 County		
Tier 1.2 (Please itemize separate billable components)		
Included in Project Management Fee	$	-
	$	-
	$	-
	$	-
	$	-
Total - Tier 1.2 County		
Tier 1.3 (Please itemize separate billable components)		
Included in Project Management Fee	$	-
	$	-
	$	-
	$	-
	$	-
Total - Tier 1.3 County		
Tier 1.4 (Please itemize separate billable components)		
Included in Project Management Fee	$	-
	$	-
	$	-
	$	-
	$	-
Total - Tier 1.4 County		
Tier 2 (Please itemize separate billable components)		
Included in Project Management Fee	$	-
	$	-
	$	-
	$	-
	$	-
Total - Tier 2 County		
Tier 3 (Please itemize separate billable components)		
Included in Project Management Fee	$	-
	$	-
	$	-
	$	-
	$	-
Total - Tier 3 County		
	$	-
	$	-
	$	-
	$	-
Other Total	$	-

6.0 Project Labor Cost Table (Without Ballot Production Capability)*

Description	Total Cost
Project Management Fees (if any) before Deploying Recommended System for Average County in each County Tier	
Tier 1.1 (Please itemize separate billable components)	
Hart Project Management (Without Ballot Production Capability) (6 Days)	$7,200
	$ -
	$ -
	$ -
	$ -
Total - Tier 1.1 County	$ 7,200
Tier 1.2 (Please itemize separate billable components)	
Hart Project Management (Without Ballot Production Capability) (6 Days)	$7,200
	$ -
	$ -
	$ -
	$ -
Total - Tier 1.2 County	$ 7,200
Tier 1.3 (Please itemize separate billable components)	
Hart Project Management (Without Ballot Production Capability) (6 Days)	$7,200
	$ -
	$ -
	$ -
	$ -
Total - Tier 1.3 County	$ 7,200
Tier 1.4 (Please itemize separate billable components)	
Hart Project Management (Without Ballot Production Capability) (6 Days)	$7,200
	$ -
	$ -
	$ -
	$ -
Total - Tier 1.4 County	$ 7,200
Tier 2 (Please itemize separate billable components)	
Hart Project Management (Without Ballot Production Capability) (6 Days)	$7,200
	$ -
	$ -
	$ -
	$ -
Total - Tier 2 County	$ 7,200
Tier 3 (Please itemize separate billable components)	
Hart Project Management (Without Ballot Production Capability) (6 Days)	$7,200
	$ -
	$ -
	$ -
	$ -
Total - Tier 3 County	$ 7,200
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	
Management & Best Practices, 4 hrs, 20 people - .5 day	$ 600.00
Central, 1 day, 10 people - .5 day	$ 600.00
Count, 1 day, 10 people - .5 day	$ 600.00
Service & Maintenance, 2 days, 20 people - 1 day	$ 1,200.00
Polling Place Operations, 2 hours, 20 people - .25 day	$ 300.00
Total - Tier 1.1 County	$ 3,300.00
Tier 1.2 (Please itemize separate billable components)	
Management & Best Practices, 4 hrs, 20 people - .5 day	$ 600.00
Central, 1 day, 10 people - .5 day	$ 600.00
Count, 1 day, 10 people - .5 day	$ 600.00
Service & Maintenance, 2 days, 20 people - 1 day	$ 1,200.00
Polling Place Operations, 2 hours, 20 people - .25 day	$ 300.00
Total - Tier 1.2 County	$ 3,300.00
Tier 1.3 (Please itemize separate billable components)	
Management & Best Practices, 4 hrs, 20 people - .5 day	$ 600.00
Central, 1 day, 10 people - .5 day	$ 600.00
Count, 1 day, 10 people - .5 day	$ 600.00
Service & Maintenance, 2 days, 20 people - 1 day	$ 1,200.00
Polling Place Operations, 2 hours, 20 people - .25 day	$ 300.00
Total - Tier 1.3 County	$ 3,300.00
Tier 1.4 (Please itemize separate billable components)	
Management & Best Practices, 4 hrs, 20 people - .5 day	$ 600.00
Central, 1 day, 10 people - .5 day	$ 600.00
Count, 1 day, 10 people - .5 day	$ 600.00
Service & Maintenance, 2 days, 20 people - 1 day	$ 1,200.00
Polling Place Operations, 2 hours, 20 people - .25 day	$ 300.00
Total - Tier 1.4 County	$ 3,300.00
Tier 2 (Please itemize separate billable components)	
Management & Best Practices, 4 hrs, 20 people - .5 day	$ 600.00
Central, 1 day, 10 people - .5 day	$ 600.00
Count, 1 day, 10 people - .5 day	$ 600.00
Service & Maintenance, 2 days, 20 people - 1 day	$ 1,200.00
Polling Place Operations, 2 hours, 20 people - .25 day	$ 300.00
Total - Tier 2 County	$ 3,300.00
Tier 3 (Please itemize separate billable components)	
Management & Best Practices, 4 hrs, 20 people - .5 day	$ 600.00
Count, 1 day, 10 people - .5 day	$ 600.00
Service & Maintenance, 2 days, 20 people - 1 day	$ 1,200.00
Polling Place Operations, 2 hours, 20 people - .25 day	$ 300.00
Total - Tier 3 County	$ 2,700.00

6.0 Project Labor Cost Table (Without Ballot Production Capability)*

Implementation / Installation / Configuration / Acceptance Testing for Average County in each County Tier

Tier 1.1 (Please itemize separate billable components)	
Included in Project Management Fee	
Total - Tier 1.1 County	
Tier 1.2 (Please itemize separate billable components)	
Included in Project Management Fee	
Total - Tier 1.2 County	
Tier 1.3 (Please itemize separate billable components)	
Included in Project Management Fee	
Total - Tier 1.3 County	
Tier 1.4 (Please itemize separate billable components)	
Included in Project Management Fee	
Total - Tier 1.4 County	
Tier 2 (Please itemize separate billable components)	
Included in Project Management Fee	
Total - Tier 2 County	
Tier 3 (Please itemize separate billable components)	
Included in Project Management Fee	
Total - Tier 3 County	

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)		
Included in Project Management Fee	$	-
	$	-
	$	-
	$	-
	$	-
Total - Tier 1.1 County		
Tier 1.2 (Please itemize separate billable components)		
Included in Project Management Fee	$	-
	$	-
	$	-
	$	-
	$	-
Total - Tier 1.2 County		
Tier 1.3 (Please itemize separate billable components)		
Included in Project Management Fee	$	-
	$	-
	$	-
	$	-
	$	-
Total - Tier 1.3 County		
Tier 1.4 (Please itemize separate billable components)		
Included in Project Management Fee	$	-
	$	-
	$	-
	$	-
	$	-
Total - Tier 1.4 County		
Tier 2 (Please itemize separate billable components)		
Included in Project Management Fee	$	-
	$	-
	$	-
	$	-
	$	-
Total - Tier 2 County		
Tier 3 (Please itemize separate billable components)		
Included in Project Management Fee	$	-
	$	-
	$	-
	$	-
	$	-
Total - Tier 3 County		
	$	-
	$	-
	$	-
	$	-
Other Total	$	-

* For counties that desire to use Hart's Ballot Production Services, please see Tab 10 "Ballot Production Services" for Hart's pricing schedule

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 all voting hardware includes a 1 year warranty. Operations and Application support fees are zero as they are included in the annual license and support fee. Maintenance fee is zero as maintenance required on voting hardware is negligible and can be performed by county personnel

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.

8.0 Miscellaneous Cost Table for Average County in each County Tier

Item	Description	Total Cost
Tier 1.1 Counties		$ -
Documentation	None	$ -
Non-Training Travel	None	$ -
Training Travel	None	$ -
Escrow Agent (Source Code)	None	$ -
Other:	None	$ -
Other:	None	$ -
Other:	None	$ -
Total Miscellaneous Costs - Tier 1.1		$ -
Tier 1.2 Counties		$ -
Documentation	None	$ -
Non-Training Travel	None	$ -
Training Travel	None	$ -
Escrow Agent (Source Code)	None	$ -
Other:	None	$ -
Other:	None	$ -
Other:	None	$ -
Total Miscellaneous Costs - Tier 1.2		$ -
Tier 1.3 Counties		$ -
Documentation	None	$ -
Non-Training Travel	None	$ -
Training Travel	None	$ -
Escrow Agent (Source Code)	None	$ -
Other:	None	$ -
Other:	None	$ -
Other:	None	$ -
Total Miscellaneous Costs - Tier 1.3		$ -
Tier 1.4 Counties		$ -
Documentation	None	$ -
Non-Training Travel	None	$ -
Training Travel	None	$ -
Escrow Agent (Source Code)	None	$ -
Other:	None	$ -
Other:	None	$ -
Other:	None	$ -
Total Miscellaneous Costs - Tier 1.4		$ -
Tier 2 Counties		$ -
Documentation	None	$ -
Non-Training Travel	None	$ -
Training Travel	None	$ -
Escrow Agent (Source Code)	None	$ -
Other:	None	$ -
Other:	None	$ -
Other:	None	$ -
Total Miscellaneous Costs - Tier 2		$ -
Tier 3 Counties		$ -
Documentation	None	$ -
Non-Training Travel	None	$ -
Training Travel	None	$ -
Escrow Agent (Source Code)	None	$ -
Other:	None	$ -
Other:	None	$ -
Other:	None	$ -
Total Miscellaneous Costs - Tier 3		$ -

9.0 Vendor Hourly Rate Cost Table				
Position Description	**Rate / Hour thru Warranty Period**	**Rate / Hour Post-Warranty Year 1**	**Rate / Hour Post-Warranty Year 2**	**Rate / Hour Post-Warranty Year 3**
Professional Services*	$150.00	$150.00	$150.00	$150.00
	$0.00	$0.00	$0.00	$0.00
	$0.00	$0.00	$0.00	$0.00
	$0.00	$0.00	$0.00	$0.00
	$0.00	$0.00	$0.00	$0.00
	$0.00	$0.00	$0.00	$0.00
	$0.00	$0.00	$0.00	$0.00
	$0.00	$0.00	$0.00	$0.00
	$0.00	$0.00	$0.00	$0.00
	$0.00	$0.00	$0.00	$0.00
	$0.00	$0.00	$0.00	$0.00
	$0.00	$0.00	$0.00	$0.00
	$0.00	$0.00	$0.00	$0.00
	$0.00	$0.00	$0.00	$0.00
	$0.00	$0.00	$0.00	$0.00
	$0.00	$0.00	$0.00	$0.00
	$0.00	$0.00	$0.00	$0.00
	$0.00	$0.00	$0.00	$0.00
	$0.00	$0.00	$0.00	$0.00
* Minimum of 8 hours required				

HART intercivic™

BALLOT PRODUCTION SERVICES   COLORADO

Official Ballot Paper

Size	Price per M
8.5 x 11	$55.00
8.5 x 14	$66.00
8.5 x 17	$82.50
8.5 x 18	$115.50
11 x 17	$104.50
8.5 x 19	$125.00

Official Ballot Paper contains a repeating mill watermark (*Official Ballot*) which can be read from any orientation. It is a high opacity 28#, number one digital ledger with toner secure properties, and has one round corner.

To perforate 11", 14", 17, 18, or 19" length paper, add $100.00 per perforation set up, and $35.00/m for single or double stub.

Paper is sold and packaged by the ream (500 increments)

Color Coding / Security Printing

Quantity	Price per M
up to 25M	$88.00
26-100M	$66.00
100M up	$55.00
	Setup Charge
Setup / Minimum	$165.00
Each Color Change	$165.00

Ballots can be color coded with a printed bar on the top of both sides of the ballot. Security features can be added to this bar which make legible copies difficult to produce. Additional delivery time required. Costs are in addition to digital printing costs.
No tints or additional copy can be added within the voting area. Minimum order is 1000.

Ballot Stitching: $100.00 set up and $35.00/m
Ballot Folding: $100.00 set up and $75.00/m

Ballot Now Digital Printing

No Stub Overall Size	No Stub Price per M	With Stub Overall Size	Stub Size	With Stub Price per M
8.5 x 11	$407.00	8.5 x 14	3"	$462.00
8.5 x 14	$484.00	8.5 x 17	3"	$539.00
8.5 x 17	$495.00	8.5 x 18	1"	$550.00
11 x 17	$594.00	8.5 x 19	2"	$649.00

All Hart ballots are printed on Official Ballot Paper.
Minimum order is 1000.
No format charges.

Additional Ballots
(ordered after completion of first run)

Set-up and Validation: $165.00 + original order unit price	

Estimated Freight

UPS Pricing:	$25.00/m
UPS RED Pricing:	$75.00/m

Electronic File Creation (PDF)
$75.00 Per Customer

Full Service Bureau

# of Races	Price
1-10	$3,100.00
11-20	$4,000.00
21-40	$4,800.00
41-75	$6,100.00
76-100	$7,200.00

Ballot Now File Processing & Ballot Stub Creation
$250.00 set up fee, $25.00 per precinct in addition to the price of the ballots

Service Bureau pricing includes ballot layout, audio, proofs, programming and up to 1,000 printed ballots.

Rush Charges May Apply