

Arizona Secretary of State, Maricopa County, and Pima County

Use of Private, Nongovernmental Grant Monies and Maricopa County Voting System Procurement

The 3 entities used the monies for election-related purposes allowed by grantors; Maricopa County complied with procurement requirements to obtain new voting system and relied on system certifications, testing, and pilot deployment for security and technical analysis

Special Audit

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A Report to the Arizona Legislature

Lindsey A. Perry
Auditor General





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March 30, 2022

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The Honorable Katie Hobbs, Secretary of State

The Board of Supervisors of Maricopa County

The Honorable Stephen Richer, Maricopa County Recorder

The Board of Supervisors of Pima County

The Honorable Gabriella Cázares-Kelly, Pima County Recorder

Transmitted herewith is the Auditor General's report, *A Special Audit of the Arizona Secretary of State, Maricopa County, and Pima County—Use of Private, Nongovernmental Grant Monies and Maricopa County Voting System Procurement*. This report is in response to Laws 2021, Ch. 408, §54. I am also transmitting within this report a copy of the Report Highlights to provide a quick summary for your convenience.

The Secretary of State, Maricopa County, and Pima County have each provided a brief response to the report.

My staff and I will be pleased to discuss or clarify items in the report.

Sincerely,

Lindsey A. Perry

Lindsey A. Perry, CPA, CFE
Auditor General

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The 3 entities used the monies for election-related purposes allowed by grantors; Maricopa County complied with procurement requirements to obtain new voting system and relied on system certifications, testing, and pilot deployment for security and technical analysis

Audit purpose

To audit financial and related information of private, nongovernmental grant monies used for Arizona's 2020 elections by the Arizona Secretary of State's Office (SOS), Maricopa County, and Pima County, and Maricopa County's procurement of its new voting system and security and technical analysis.

Key findings

The SOS:

- Spent \$5.0 million of \$5.1 million grant monies it received, primarily to combat misinformation and disinformation about the 2020 elections, and returned almost \$145,000 it did not spend to the grantor.

Maricopa County:

- Spent \$1.9 million of \$3.0 million grant monies it received for temporary staffing and other election-related uses and returned \$1.1 million it did not spend to the grantor.
- Formed an elections work group that recommended acquiring a new voting system in 2019 pointing to newer technology affording greater flexibility with ballot styles, streamlining the adjudication process, and performing the central count activities at a much faster rate.
- Complied with its procurement requirements for acquiring the Dominion voting system used in the 2020 elections and relied on federal and SOS certifications and conducted testing and pilot deployment for security and technical analysis.

Pima County:

- Spent all \$950,446 of grant monies it received for 2 uses—personnel costs for hazard pay and early voting sites.

Other counties:

- Seven other Arizona counties received a total of \$2.9 million from 1 private, nongovernmental grantor for the 2020 elections and reported they used \$1.8 million for various election-related purposes and returned \$0.5 million to the grantor.

Key recommendations

There were no recommendations for this report.



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INTRODUCTION

Pursuant to Laws 2021, Ch. 408, §54, we conducted a special audit of (1) financial and related information of private, nongovernmental grant monies used for Arizona’s 2020 elections by the Arizona Secretary of State’s Office (SOS), Maricopa County, and Pima County and (2) Maricopa County’s procurement of a voting system as well as security and technical analysis. (See Appendix A, page a-1, for the session law, which specifies for each entity the areas we must address in the audit.)

SOS, Maricopa County, and Pima County received private, nongovernmental grant monies from 1 or more of 3 grantors

The SOS, Maricopa County, and Pima County received private, nongovernmental grant monies for Arizona’s 2020 elections from 1 or more of 3 private, nongovernmental grantors and 4 grant programs as shown in Table 1.¹ Other Arizona counties also received grant monies from 1 of these grantors and grant programs, although they were not included in the statutory scope of this audit.²

Table 1
SOS, Maricopa County, and Pima County grantors and their private, nongovernmental grant programs for 2020 elections, and grant award amounts spent
June 1, 2020 through June 30, 2021

Grant recipient	Grant provider	Grant program	Grant award amount spent
SOS	Center for Election Innovation & Research (CEIR)	2020 Voter Education Grant	\$4,788,443
SOS	CEIR	Eligible But Unregistered (EBU) Refresh Grant	174,045
Maricopa County	Center for Tech and Civic Life (CTCL)	COVID-19 Response Grant	1,851,114
Maricopa County	University of Southern California (USC)—Schwarzenegger Institute	Democracy Grants for Voting Access and Election Administration	41,857
Pima County	CTCL	COVID-19 Response Grant	950,446

Source: Auditor General staff summary of grantor and grant program information and SOS, Maricopa County, and Pima County records.

¹ Laws 2021, Ch. 408, §54, did not define private, nongovernmental grants. For audit purposes we considered private, nongovernmental grants as all grants the auditees received for election purposes other than those received from the federal government or Arizona State government.

² Nine Arizona counties received grant monies totaling \$6,810,967 from the COVID-19 Response Grant. See Appendix B, page b-1, for a list of those Arizona counties and the grant amounts they were awarded.

Information about each of the 3 private, nongovernmental grantors and their 4 grant programs that provided monies to the SOS, Maricopa County, and/or Pima County for Arizona's 2020 elections follows:

- **CEIR**—According to its website, CEIR is a nonprofit corporation founded in 2016 that works with state election officials to get more states to join the Electronic Registration Information Center (ERIC), of which Arizona is a member, and helps states to secure their election technology against foreign interference (see textbox for information about ERIC).³ CEIR provided grant monies to the SOS through 2 different grant programs for the 2020 elections:

ERIC is a nonprofit organization with the mission of assisting states to improve the accuracy of America's voter rolls and increase access to voter registration for all eligible citizens. ERIC is governed and managed by states that choose to join and was formed in 2012 with assistance from The Pew Charitable Trusts.

Thirty-one states, including Arizona, and Washington, DC, were members of ERIC as of February 9, 2022.

Source: Retrieved from <https://ericstates.org> on February 9, 2022.

- **2020 Voter Education Grant program**—

According to CEIR, this grant was intended to support states' efforts to provide nonpartisan, accurate, and official voting information to the public; specifically, to provide information about voting options, polling places and hours, and how to successfully cast a ballot during the 2020 general election.⁴ CEIR reported that all states were invited to apply for the grant and 22 states, including Arizona, and Washington, DC, applied for and accepted grant monies.⁵ States determined their own budgets and the amount of monies applied for, and according to CEIR, received all monies they requested.

The grant agreement required the SOS to use the grant monies for the purposes set forth in the budget the SOS submitted to CEIR, which included paid media advertising, direct mailers for the permanent early voting list (PEVL), and other communication costs, such as public relations support and promotional materials.

- **EBU Refresh Grant program**—According to CEIR, this grant was intended to support more effective voter registration outreach to EBU citizens conducted by ERIC member states. Specifically, the grant provided direct support to states to enable them to contact EBU voters by mail to encourage them to register to vote through official, vetted processes such as the Arizona Department of Transportation, Motor Vehicles Division's ServiceArizona website. CEIR reported that all ERIC member states were invited to apply for the grant by submitting a brief project proposal, and 2 states, including Arizona, applied for and accepted grant monies.

The State, as an ERIC member, is required to submit voter registration and motor vehicle licensee data to ERIC. ERIC uses that data to identify eligible or possibly eligible citizens who are not registered to vote (EBU voters) and provides that data to the State and, more specifically, the SOS. Pursuant to the membership agreement requirements, the SOS, acting on behalf of the State, must contact at least 95 percent of the EBU voters who ERIC identified at least 15 days before the close of registration for the next federal general election. However, the SOS does not have to contact a voter more than once at the same address. Although not required, the SOS may contact EBU voters who were still at the same addresses at which the SOS had contacted them in prior years. The grant agreement required the SOS to use the grant monies for mailings to EBU voters who were still at the same addresses.

³ Retrieved from <https://www.electioninnovation.org/> on January 31, 2022.

⁴ A September 2020 joint press release from CEIR and CTCL stated that Priscilla Chan and Mark Zuckerberg committed \$300 million—\$50 million to CEIR and \$250 million to CTCL—to promote safe and reliable voting during the COVID-19 pandemic. An October 2020 press release from CTCL stated that Ms. Chan and Mr. Zuckerberg committed an additional \$100 million to CTCL, for a total of \$350 million to CTCL. According to CEIR's website, it provided \$65 million in 2020 Voter Education Grants. According to CTCL's website, it provided \$350 million in COVID-19 Response Grants.

⁵ CEIR reported that the following 22 states and Washington, DC, received its 2020 Voter Education Grant: Arizona, Connecticut, Florida, Georgia, Illinois, Iowa, Kentucky, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Jersey, New Mexico, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Vermont, and Washington.

- **CTCL**—According to its website, CTCL is a nonprofit corporation launched in 2015 to connect Americans with the information they need to become and remain civically engaged and ensure that elections are more inclusive and secure.⁶

CTCL's COVID-19 Response Grant program provided monies to be used exclusively for planning and operationalizing safe and secure election administration. All local election offices responsible for administering election activities were eligible for grant monies. CTCL reported that every eligible local election office that applied for the grant was awarded monies. As mentioned earlier, in addition to Maricopa County and Pima County, 7 other Arizona counties received this grant (see Appendix B, page b-1, for a list of those Arizona counties and the grant amounts they were awarded). The grant agreement allowed counties to use the monies for several allowable expenditure categories, such as drive-through voting and temporary staffing, and allowed the counties to allocate monies between these categories at the counties' discretion. See Appendix B, page b-1, for further information regarding allowable expenditure categories and the amounts each county spent in those expenditure categories.

- **USC Schwarzenegger Institute**—USC is a private university, and the Schwarzenegger Institute is 1 of USC Sol Price School of Public Policy's research centers and initiatives. According to its website, it seeks to influence public policy and public debate in finding solutions to serious challenges.⁷

Further, according to the website, its Democracy Grants for Voting Access and Election Administration program provided grants to 33 local election officials to assist with the challenges related to polling sites, COVID-19, and the November 2020 election, and Maricopa County was the only Arizona county to receive this grant.⁸ The grant agreement required Maricopa County to use the monies for the purpose for which Maricopa County applied, which was to open 14 new drive-through ballot drop-box locations (see Chapter 2, page 13, for more information on the drive-through ballot drop-box locations).

After these grant monies were spent, State and its counties statutorily prohibited from receiving private, nongovernmental grant monies for future elections

In the time since the SOS, Maricopa County, and Pima County received and used these private, nongovernmental grant monies, Laws 2021, Ch. 199, §1, was enacted, which prohibits the State and a city, town, county, school district, or other public body that conducts or administers elections from receiving or expending private monies for preparing for, administering, or conducting an election, including registering voters. Specifically, effective September 29, 2021, the State and its counties (and other political subdivisions) are statutorily prohibited from receiving the aforementioned grant monies or similar monies. The SOS, Maricopa County, and Pima County either spent the aforementioned grant monies or returned any unspent grant monies to the grantor before the new law was effective on September 29, 2021.

In 2019, work group recommended Maricopa County procure new voting system, citing faster tabulation counts and other system enhancements

In January 2019, Maricopa County, the State's largest county with 2.6 million active voters, formed a work group upon the direction of the Maricopa County Board of Supervisors to gather and compile information necessary to prepare a set of recommendations regarding the structure, staffing, and technology resources of the elections

⁶ Retrieved from <https://www.techandcivillife.org/> on October 19, 2021.

⁷ Retrieved from <http://schwarzenegger.usc.edu/> on January 27, 2022.

⁸ A USC Sol Price School of Public Policy news release stated that former California Governor Arnold Schwarzenegger was paying for the USC Schwarzenegger Institute's Democracy Grants for Voting Access and Election Administration program. The USC Schwarzenegger Institute's website stated that grants went to counties in Alabama, Arizona, Georgia, Mississippi, North Carolina, South Carolina, Texas, and Virginia, but did not report the total amount of the grants awarded.

department. According to the work group’s May 20, 2019, report (work group report), Maricopa County had some previous reviews done in 2018 in response to issues with the 2018 primary election, including polling places not being fully operational when the polls opened. The work group report indicated that this combined with higher voter turnout exacerbated the longer wait times at some polls. It went on to say that there were fewer logistical issues in the 2018 general election, but still some public concerns were voiced regarding the length of time to achieve a final ballot count. Finally, the work group report stated that Maricopa County’s election tabulation equipment had been procured in 1998 and it was outdated, which limited processing capacity.

The work group report made several recommendations for improvements to the Maricopa County elections department, including recommendations related to organizational structure, staffing, and technology. Regarding technology, the work group report recommended that Maricopa County should obtain new tabulation equipment as soon as possible, pointing to newer technology affording greater flexibility with ballot styles, streamlining the adjudication process, and performing the central count activities at a much faster rate. It acknowledged that Maricopa County was already in the process of procuring a new election tabulation system, referred to as a “voting system” in the session law requiring this report. See Chapter 4, pages 17 through 22, for information regarding Maricopa County’s procurement process as well as security and technical analysis of the voting system.



SOS spent \$5.0 million of \$5.1 million private, nongovernmental grant monies received as allowed by grantor, spending \$4.5 million to combat misinformation and disinformation about 2020 elections

Legislative request: Review and report on private, nongovernmental grant monies the SOS received and expended for the 2020 elections, including any balance remaining unexpended at June 30, 2021, for combating misinformation or disinformation about the 2020 elections; personnel costs; educating voters how to sign up for the PEVL or request an early ballot; and recruiting poll workers (see Appendix A, page a-1, for session law).

Conclusion: The SOS spent \$5.0 million of the \$5.1 million of private, nongovernmental grant monies it received for 2020 election-related purposes that were allowed by CEIR, returning the \$144,587 of unused grant monies to CEIR. No balance remained unexpended at June 30, 2021. The SOS spent almost \$4.5 million, or 88 percent, of the grant monies received for combating misinformation and disinformation about the 2020 elections through an advertising contract; \$88,341 for personnel costs; \$56,836 for educating voters how to sign up for PEVL or how to request an early ballot; and \$45,301 for recruiting poll workers. Finally, the SOS spent almost \$290,000 for other uses, including mailers to eligible or potentially eligible voters to inform them how to register to vote.

SOS received \$5.1 million of private, nongovernmental grant monies and spent almost \$5 million of it as allowed by grantor

Between June 1, 2020 and June 30, 2021, the SOS received a total of \$5.1 million of private, nongovernmental grant monies from 2 grant programs to be used for the 2020 elections. As shown in Table 2, the SOS received almost \$4.8 million from the CEIR 2020 Voter Education Grant program and a little more than \$312,000 from the CEIR EBU Refresh Grant program (see Introduction, page 2, for additional information regarding these grant programs). As further shown in Table 2 (see page 6), the SOS spent almost \$5 million of the grant monies it received from the 2 grant programs in the 4 categories by which session law requires us to provide SOS grant expenditure information (reporting categories), as well as for other uses. As required by the grantor, SOS returned the unspent \$144,587, which was mainly from the EBU Refresh Grant program, to the grantor by June 30, 2021 (see Table 2, page 6).

Table 2

**Private nongovernmental grant monies SOS received for 2020 elections by source and uses by reporting categories and other uses
June 1, 2020 through June 30, 2021**

CEIR 2020 Voter Education Grant monies received ¹	\$4,795,000
CEIR EBU Refresh Grant monies received ¹	312,075
Total private, nongovernmental grant monies received	5,107,075
Uses by reporting categories in session law:	
Combating misinformation and disinformation ²	4,482,676
Personnel costs	88,341
Educating voters how to sign up for the PEVL or request an early ballot	56,836
Recruiting poll workers	45,301
Other uses:	
EBU mailing	174,045
Other communications	110,186
Other miscellaneous	5,103
Total uses	4,962,488
Unused grant monies	144,587
Returned to grantor	144,587
Remaining balance at June 30, 2021	\$ 0

¹ The CEIR 2020 Voter Education Grant was awarded in October 2020. The CEIR EBU Refresh Grant was awarded in September 2020.

² Spending in this category was for combating misinformation and disinformation through an advertising campaign; however, some advertisements also educated voters about how to sign up for PEVL or request an early ballot. See Photo 1, page 8, for an example.

Source: Auditor General staff analysis of Arizona Financial Information System (AFIS) and SOS records.

SOS spent \$4.5 million, or 88 percent, of private, nongovernmental grant monies it received to combat misinformation and disinformation about 2020 elections as allowed by grantor

As shown in Figure 1 (see page 7), the SOS spent most of the grant monies it received in 1 of the 4 reporting categories—almost \$4.5 million, or 88 percent—for combating misinformation and disinformation about the 2020 elections.⁹ It also spent grant monies for the other 3 reporting categories: approximately \$88,000 for personnel costs; \$57,000 for educating voters how to sign up for PEVL or how to request an early ballot;

⁹ Some of the advertisements within the campaign also educated voters how to sign up for PEVL or request an early ballot. However, we included the expenditures only once in Table 2 under the primary purpose the SOS reported, which was to combat misinformation and disinformation.

Combating misinformation and disinformation

The National Association of Secretaries of States' website states that

... driving voters directly to election officials' websites and social media web pages...will ensure voters are getting accurate election information and cut down on the misinformation and disinformation that can surround elections.

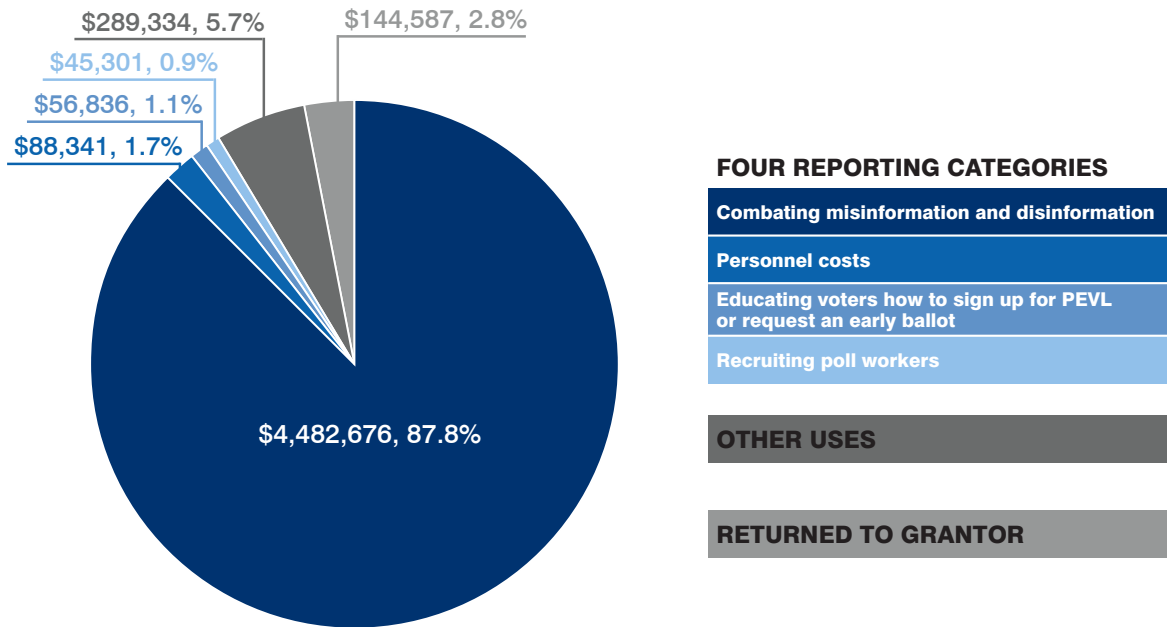
Further, according to the federal Cybersecurity and Infrastructure Security Agency:

Election officials can help citizens avoid contributing to the spread of (mis-, dis-, and malinformation) by presenting themselves as the preferred source for election information and instilling a spirit of control, empowerment, and personal responsibility within the electorate.

Source: Retrieved from <https://www.nass.org> and <https://www.cisa.gov> on December 21, 2021.

Figure 1

SOS spent 88 percent of the \$5.1 million in grant monies received for combating misinformation and disinformation as allowed by grantor June 1, 2020 through June 30, 2021



Source: Auditor General staff summary of Laws 2021, Ch. 408, §54 and analysis of AFIS and SOS records.

and \$45,000 for recruiting poll workers. Further, it spent almost \$290,000 for other uses. Finally, as mentioned earlier, the SOS returned to the grantor almost \$145,000 that it did not spend.

Specifically, the SOS spent the private, nongovernmental grant monies in the 4 reporting categories as follows:

- **\$4.5 million for combating misinformation and disinformation about the 2020 elections**—The SOS reported that it spent almost all the private, nongovernmental grant monies it received for combating misinformation and disinformation about the 2020 elections through an advertising campaign by directing voters to the SOS Arizona.Vote website and providing voters with accurate information, such as election dates and polling places and times. Specifically, the SOS used \$4.5 million of the grant monies toward the advertising agency’s \$4.7 million contract for combating misinformation and disinformation and used the remaining contract’s costs toward mailings to educate voters how to sign up for PEVL or request an early ballot, advertisements to recruit poll workers, and other communications (see pages 9 and 10 for further information on costs in these reporting categories and other uses).¹⁰

¹⁰ The advertising campaign ran from June 2020 through November 2020. The SOS originally planned a smaller advertising campaign using federal grant monies, but in October 2020, when the CEIR 2020 Voter Education Grant became available, the SOS increased the size of the campaign and used those grant monies instead of receiving and using any federal grant monies for it.

The SOS' advertising campaign included digital (e.g., website), newspaper, outdoor (e.g., billboards), radio, and television advertising to provide 2020 primary and general elections and post-election information throughout the State. Photo 1 is an example of a digital advertisement for the August 2020 primary election from the SOS' advertising campaign. As shown in Table 3, most of the grant monies spent on the advertising campaign for combating misinformation and disinformation were spent on the November 2020 general election and were used for digital advertisements. Appendices C through E provide the amounts of monies the SOS spent on the 2020 election time periods by advertising method as well as example advertisements (see pages c-1 through e-2).

Photo 1
Example SOS August 2020 primary election digital advertisement for combating misinformation and disinformation



Source: SOS-provided document created by its contracted advertising agency.

Table 3
SOS spent private, nongovernmental grant monies totaling nearly \$4.5 million on advertising campaign for combating misinformation and disinformation (by advertising method and election time period)
June 1, 2020 through June 30, 2021

By advertising method		By election time period	
Digital	\$3,116,149	General election—November 2020	\$3,558,681
Newspaper	142,168	Post-election	400,727
Outdoor	298,166	Primary election—August 2020	280,471
Radio	499,983		
Television	183,413		
Total media costs	4,239,879	Total media costs	\$4,239,879
Advertising agency creative development	242,797		
Total	\$4,482,676		

Source: Auditor General staff analysis of the SOS 2020 elections media plan summary.

- **\$88,341 for personnel costs**—The SOS also spent private, nongovernmental grant monies for personnel costs, including incentive pay, temporary staff, and overtime. Specifically:
 - **\$74,133 for incentive pay**—The SOS provided 2 types of incentive pay to a total of 39 employees through the existing State of Arizona SPOT incentive program.¹¹ First, the SOS issued a one-time, \$250 incentive payment to 18 election customer service temporary staff and other nonelection staff who answered phone hotlines during the election cycle. Second, the SOS provided a formula-based incentive payment ranging from \$1,405 to \$7,500 to 21 employees nominated by managers and approved by upper management for the incentive award. Specifically, the SOS created a nomination form by which managers could nominate an employee for recognition. The form required a description of what the employee did to earn the incentive pay nomination. The form was reviewed by the employee's supervisor if the supervisor did not originate the nomination, and by the chief financial officer/human resources director and human resources manager. The SOS created a formula with various factors, such as the employee's pay rate, years of service, impact of the employee's achievement, and overall performance

¹¹ According to the State Personnel System Compensation Guidelines, SPOT incentives are one-time, lump sum bonuses given "on the spot" for an extraordinary achievement or moment of extraordinary individual or group performance that results in efficiency, cost savings, or improved productivity.

rating to calculate the incentive payment amount the employee would receive. An employee could receive each type of incentive payment award only once.

- **\$12,790 for temporary staff**—According to the SOS, it hired 57 temporary staff through the State’s jobs board using a competitive process to assist with various election projects. The SOS used grant monies to pay 8 of these temporary staff’s personnel costs applicable to the grant.
- **\$1,418 for overtime**—According to the SOS, it authorized 84 of its permanent and temporary, hourly employees to work overtime during the 2020 elections. The SOS used grant monies to pay 8 of these employees’ overtime costs applicable to the grant.
- **\$56,836 for educating voters how to sign up for PEVL or request an early ballot**—Further, the SOS spent private, nongovernmental grant monies for educating voters about how to sign up for PEVL or how to request an early ballot through mailers it sent to voters, including a form to do so (see Appendix F, page f-1, for example mailer). According to the SOS, it asked counties if they wanted mailers sent to voters in their county, and if so, counties supplied the voter data for the mailing. For the 2020 primary election, Apache and Santa Cruz Counties participated. For the 2020 general election, Apache, Graham, Greenlee, Navajo, and Santa Cruz Counties participated.
- **\$45,301 for recruiting poll workers**—Finally, the SOS spent nongovernmental grant monies for recruiting poll workers, which included advertisements on Facebook and Instagram costing \$29,790, and paid Google search advertisements costing \$12,811, plus the advertising agency’s creative development costs of \$2,700 (see Appendix G, page g-1, for example advertisements). For the 2020 primary election, the SOS’ advertisements targeted Coconino, Graham, Navajo, Pima, and Santa Cruz Counties. For the 2020 general election, its advertisements targeted all counties. The SOS’ advertisements directed individuals to a page on the SOS website that provided additional information about serving as a poll worker, including the requirements to be a poll worker (see textbox). The website also provided an online application form individuals could complete. According to the SOS, the form was forwarded automatically to an individual’s county for consideration; the SOS did not evaluate applicants or select poll workers. According to the SOS, 23,124 individuals applied to be poll workers through its website in 2020. For the November 2020 election, Arizona registered 1,091 poll workers for early voting and 7,409 on election day State-wide.¹²

What are the requirements to be a poll worker?

According to the SOS website, the following are the minimum requirements to be a poll worker. Some counties may have additional requirements:

- Be a resident of the county you serve in.
- Be registered to vote in Arizona (except student program participants).¹
- Be at least 18 years old (except student program participants).¹
- Complete the required training.

¹ Some counties have student poll worker programs that allow 16- and 17-year-old U.S. citizen high school students to work at a polling place on Election Day. The students work together with registered voters of their county to run the polling place.

Source: Retrieved from <https://azsos.gov/> on January 12, 2022.

In addition to spending the grant monies for the 4 reporting categories, as shown in Table 2 and Figure 1 (see pages 6 and 7), the SOS spent almost \$290,000 of grant monies for other uses, including \$174,045 of the CEIR EBU Refresh Grant monies on postcards to EBU voters. Specifically, in September 2020, the SOS printed and mailed 1.4 million postcards to EBU voters. The grant required the SOS to mail the postcards to EBU voters who were still at the same addresses to which the SOS had mailed such notices in prior years, which were

¹² U.S. Election Assistance Commission (EAC). (2021). Election Administration and Voting Survey 2020 Comprehensive Report. Washington, DC.

approximately 60 percent of the EBU voters included in the mailing.¹³ These postcards notified EBU voters that they may be eligible to vote and provided information on how to register (see Appendix H, page h-1, for example postcard). The postcards also included a website address that provided information on how to request a ballot by mail. Further, as shown in Table 2 (see page 6), the SOS also paid the advertising agency about \$110,000 of the private, nongovernmental grant monies for other communications, including \$75,000 for public relations support for media relations and social media contacts and interviews for the 2020 elections and \$35,186 for AZSOS.gov website updates. Additionally, the SOS spent about \$5,000 of the grant monies for broadcasting the electoral college meeting where Arizona's Presidential Electors cast their ballots for the president and vice president, commemorative pens for the meeting that were given to the Presidential Electors and SOS staff who planned and worked the meeting, and broadcasting virtual town halls that provided information on Propositions 207 and 208.

Finally, the SOS returned \$144,587 of grant monies to the grantor because it had not spent these monies at June 30, 2021.

¹³ The total cost of the mailers was \$290,074. In addition to the CEIR EBU Grant monies, the SOS used \$116,029 of State General Fund monies that Arizona counties reimbursed for the approximately 40 percent of the EBU voters included in the mailing who the SOS had not previously contacted at their current addresses and who the State was required to contact pursuant to its agreement with ERIC.



Maricopa County spent \$1.9 million of \$3.0 million private, nongovernmental grant monies it received as allowed by grantors, spending \$1.1 million for temporary staffing for 2020 and 2021 elections

Legislative request: Review and report on private, nongovernmental grant monies received and expended by Maricopa County on programs and processes for the 2020 elections, including the purpose of the expenditures, the amount spent for personnel and employee-related expenses, and any remaining balance at June 30, 2021 (see Appendix A, page a-1, for session law).

Conclusion: Maricopa County received \$3.0 million of private, nongovernmental grant monies and spent \$1.9 million of those monies for 2020 election-related purposes that were allowed by CTCL and USC Schwarzenegger Institute, including \$1.1 million for temporary staffing and \$267,000 for election administration equipment. At June 30, 2021, Maricopa County had more than \$1.1 million of unused grant monies remaining; however, Maricopa County did not use any of the grant monies after June 30 and returned the unused grant monies and accumulated interest to CTCL on August 4, 2021.

Maricopa County received \$3.0 million of private, nongovernmental grant monies and spent \$1.9 million of it as allowed by grantors

Maricopa County received \$3.0 million of private, nongovernmental grant monies for 2020 elections and spent \$1.9 million of it.¹⁴ Specifically, from June 1, 2020 through August 31, 2021, Maricopa County received a total of slightly more than \$3.0 million of private, nongovernmental grant monies from 2 grant programs to be used for the 2020 elections. As shown in Table 4 (see page 12), Maricopa County received almost \$3 million of grant monies from CTCL and \$41,857 of grant monies from the USC Schwarzenegger Institute (see Introduction, page 3, for additional information regarding these grantors). From June 1, 2020 through June 30, 2021, Maricopa County spent a total of almost \$1.9 million of the grant monies it received from the 2 grantors on a variety of election-related uses, such as temporary staffing to answer call center phone calls, provide polling place security, and work at drive-through ballot drop-box locations; polling place rental; and poll worker training. As required by the grantor, Maricopa County did not spend any of the grant monies after June 30, 2021, returning the unspent \$1.1 million from CTCL, plus accumulated interest, on August 4, 2021.

¹⁴ In February 2021, Maricopa County received approval from CTCL to expend unused grant monies it had received for the 2020 elections for other election expenses through June 30, 2021. Therefore, as approved by the grantor, Maricopa County used some CTCL grant monies for 2021 elections.

Table 4

Private, nongovernmental grant monies Maricopa County received for 2020 elections by source and use
June 1, 2020 through August 31, 2021

CTCL grant monies received ¹	\$2,995,921
USC Schwarzenegger Institute grant monies received ¹	41,857
Interest on CTCL grant monies	10,770
Total private, nongovernmental grant monies received, including interest	3,048,548
Uses of CTCL grant monies: ²	
Temporary staffing (see Table 5, page 13)	1,105,274
Election administration equipment	267,325
Polling place rental	231,780
Vote-by-mail	176,706
Poll worker training	61,064
Personal protective equipment (PPE)	8,965
Uses of USC Schwarzenegger Institute grant monies:	
Temporary staffing for drive-through ballot drop-box locations	34,370
Other costs for drive-through ballot drop-box locations	7,487
Total uses	1,892,971
Unused grant monies, including interest, remaining June 30, 2021	1,155,576
Returned to grantor, August 2021	1,155,576
Remaining grant monies as of August 31, 2021	\$ 0

¹ Both grants were awarded in October 2020. The Maricopa County Board of Supervisors approved Maricopa County's acceptance of the CTCL grant at its October 21, 2020, public meeting and the USC Schwarzenegger Institute grant at its November 18, 2020, public meeting.

² The uses in Table 4 describe how Maricopa County used the CTCL grant monies. However, when Maricopa County reported its expenses to CTCL, it reported them within the appropriate allowable use categories prescribed by CTCL. Appendix B, page b-1, shows how Maricopa County reported its costs under CTCL's categories.

Source: Auditor General staff analysis of Maricopa County records.

Maricopa County spent \$1.1 million private, nongovernmental grant monies it received on temporary staffing for the 2020 and 2021 elections as allowed by grantors

Of the nearly \$3 million of private, nongovernmental grant monies Maricopa County received, it spent \$1,139,644 on temporary staffing, of which \$1,105,274 was from the CTCL grant and \$34,370 was from the USC Schwarzenegger Institute grant. Specifically, Maricopa County spent its private, nongovernmental grant monies from CTCL as follows:

- **\$1.1 million for temporary staffing**—Maricopa County used \$1,105,274 of CTCL grant monies for temporary staffing, of which \$855,268 related to 2020 elections and, as allowed by the extension provided by the grantor, \$250,006 related to 2021 elections (see Table 5, page 13). Except as noted in the table, temporary staffing was provided by third-party vendors rather than Maricopa County employees.

Table 5

Maricopa County used \$1.1 million of CTCL grant monies for temporary staffing as allowed by grantor to perform various responsibilities related to 2020 and 2021 elections June 1, 2020 through June 30, 2021

	2020 Elections	2021 Elections	Total
On-site temporary workers	\$352,708	\$128,173	\$ 480,881
Security services	203,432		203,432
Expansion of early voting sites	136,714		136,714
Website contractors		121,833	121,833
Call center temporary workers	116,639		116,639
Troubleshooter and courier mileage	45,775		45,775
Total temporary staffing	\$855,268	\$250,006	\$1,105,274

Additional information:

- **On-site temporary workers**—Assisted with the increased volume of returned early voting ballots.
- **Security services**—Provided security for voting centers and transportation of ballots.
- **Expansion of early voting sites**—Assisted at additional early voting sites with expanded hours of operations because of increased early voting, all of which was personnel costs for 110 Maricopa County employees.
- **Website contractors**—Enhanced the functionality and user experience of the Elections Department website.
- **Call center temporary workers**—Provided additional support to meet the demand of expended early voting and respond to voter calls timely, including increasing the call center capacity and extending the call center's hours of operation.
- **Troubleshooter and courier mileage**—Mileage costs for temporary staff that addressed issues at various voter centers and delivered ballots from drop boxes to Maricopa County Tabulation and Election Center (MCTEC).

Source: Auditor General staff analysis of Maricopa County records.

- **\$267,325 for election administration equipment**—Maricopa County used \$267,325 of grant monies for election administration equipment, of which \$40,001 related to the 2020 general election and \$227,324 related to 2021 elections. Expenditures included capital improvements for a training room, scanners, imprinters, and software/licensing agreements for election equipment.
- **\$231,780 for polling place rental**—Maricopa County used \$231,780 of grant monies to rent private and public property for voting centers for 2020 elections. According to Maricopa County, this was to provide social distancing at polling locations in accordance with Centers for Disease Control and Prevention (CDC) and Maricopa County Public Health recommendations.
- **\$176,706 for vote-by-mail**—Maricopa County used \$176,706 of grant monies for additional vote-by-mail costs above what the County originally budgeted for 2020 elections. According to Maricopa County, this was because of CDC and Maricopa County Public Health social distancing recommendations and increased voter demand.
- **\$61,064 for poll worker training**—Maricopa County used \$61,064 of grant monies for poll worker training and training materials related to 2020 elections. Completing poll worker training is 1 of 4 requirements to be a poll worker.¹⁵
- **\$8,965 for PPE**—Maricopa County used \$8,965 of grant monies for PPE for 2020 elections. According to Maricopa County, this was done to improve the safety of poll workers and voters.

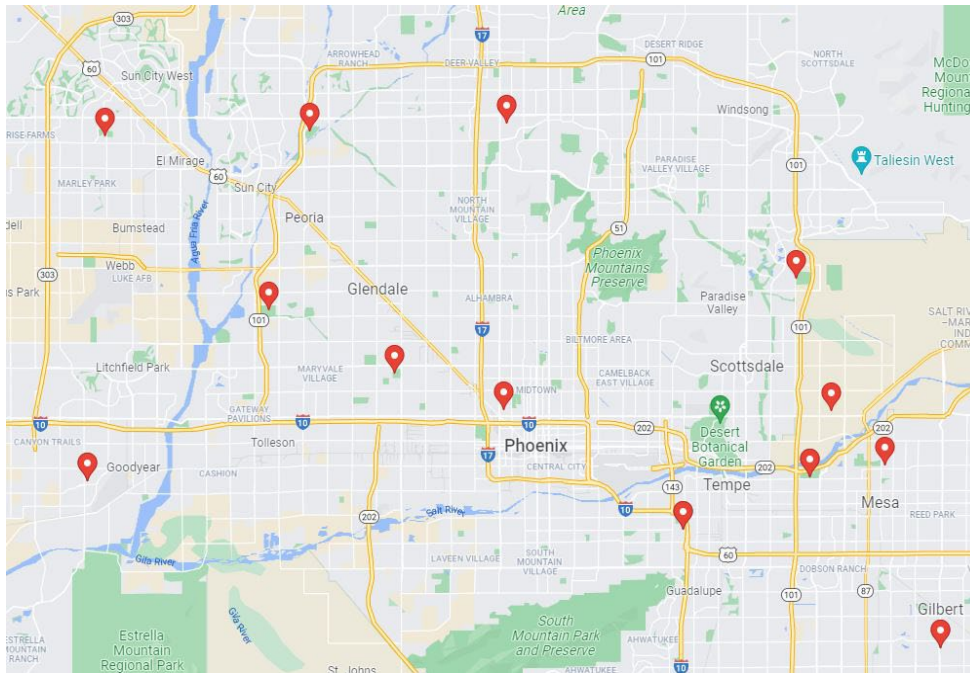
Further, Maricopa County spent all the USC Schwarzenegger Institute grant program monies it received on new drive-through ballot drop-box locations for the 2020 general election. Specifically, Maricopa County received \$41,857 from the USC Schwarzenegger Institute and used all those grant monies for the costs of 13 drive-through

¹⁵ Arizona Revised Statutes (A.R.S.) §16-532(A).

ballot drop boxes located throughout the Phoenix Metropolitan Area (see Map).¹⁶ The drop-box locations were open October 24 and October 31 through November 3, 2020. Costs included \$34,370 for 57 Maricopa County employees to temporarily staff the locations and deliver ballots to MCTEC; \$4,559 for barricade and light rentals; \$1,652 for chains, locks, and tents; and \$1,276 of mileage reimbursements for couriers to retrieve sealed early ballot affidavits (green envelopes) containing early ballots.

Finally, Maricopa County returned \$1.1 million of grant monies to CTCL because it had not spent these monies at June 30, 2021.

Map Maricopa County’s 13 drive-through ballot drop-box locations for 2020 general election



Source: Auditor General staff analysis of drive-through ballot drop-box location information provided by Maricopa County.

¹⁶ Maricopa County had 14 drive-through ballot drop-box locations for the 2020 general election. It did not use the USC Schwarzenegger Institute grant program monies for the location at the MCTEC.



Pima County spent \$950,446 of private, nongovernmental grant monies it received as allowed by grantor, spending \$941,408 on personnel costs for hazard pay for the 2020 elections

Legislative request: Review and report on private, nongovernmental grant monies received and used by Pima County on programs and processes for the 2020 elections, including the purpose of the expenditures, the amount spent for personnel and employee-related expenses, and any remaining balance at June 30, 2021 (see Appendix A, page a-1, for session law).

Conclusion: Pima County received and spent \$950,446 of CTCL grant monies for 2020 election-related purposes that were allowed by CTCL. Pima County spent almost all the grant monies—\$941,408—for personnel costs for hazard pay. It had no remaining balance at June 30, 2021.

Pima County received and spent \$950,446 of private, nongovernmental grant monies as allowed by grantor

As shown in Table 6 (see page 16), from June 1, 2020 through June 30, 2021, Pima County received \$950,446 of private, nongovernmental grant monies to be used for the 2020 elections, all from CTCL (see Introduction, page 3, for additional information regarding CTCL). Pima County spent all the grant monies for 2 uses—personnel costs for hazard pay and early voting sites—and had no remaining balance at June 30, 2021.

Table 6

Private, nongovernmental grant monies Pima County received for 2020 elections by source and use
June 1, 2020 through June 30, 2021

CTCL grant monies received ¹	\$950,446
Total private, nongovernmental grant monies received	950,446
Uses: ²	
Personnel costs for hazard pay	941,408
Early voting sites	9,038
Total uses	950,446
Unused grant monies	0
Returned to grantor	0
Remaining grant monies at June 30, 2021	\$ 0

¹ Grant was awarded in October 2020. The Pima County Board of Supervisors approved Pima County's acceptance of the grant at its November 10, 2020, public meeting.

² The uses in Table 6 describe how Pima County used the grant monies. However, when Pima County reported its costs to CTCL, it reported them within the appropriate allowable use categories prescribed and required by CTCL. Appendix B, page b-1, shows how Pima County reported its costs under CTCL's categories.

Source: Auditor General staff analysis of Pima County records.

Pima County spent almost all private, nongovernmental grant monies on election-related personnel costs for hazard pay as allowed by grantor

Of the slightly more than \$950,000 of private, nongovernmental grant monies Pima County received, it spent almost all for personnel costs for hazard pay to support the 2020 elections (see Table 6). Specifically, Pima County spent the grant monies for the following 2 uses:

- **\$941,408 for personnel costs for hazard pay**—Pima County paid employees performing elections responsibilities hazard pay. Pima County cited the following 2 circumstances for the hazard pay (1) the primary and secondary effects of the COVID-19 pandemic and (2) increased local threats of violence against election workers. Hazard pay included regular wage and salary costs as well as extra pay. Specifically, the Pima County Elections Department paid 89 employees each an extra \$2,920 for each of the fall 2020 elections—primary or general—that an employee worked. Further, the Pima County Recorder's Office paid regular wage and salary costs of 265 employees who worked on the elections and paid 261 of these employees an extra \$5 to \$10 per hour depending on the location where they worked. For example, employees who worked at walk-in early voting sites were paid an extra \$6 per hour for their time worked at these sites. The Pima County Recorder's Office also paid 4 salaried employees an extra \$25 per hour for their time worked on elections responsibilities.
- **\$9,038 for early voting sites**—Pima County paid \$8,933 for vehicle expenses for couriers who made more trips than in previous elections to early voting sites because of the increased number of voters using those sites. Pima County also spent \$105 for a newspaper advertisement of an early voting site location.



Maricopa County complied with its procurement requirements; obtained required voting system certifications, including security assessments; and performed pilot and stress testing of Dominion voting system prior to using it for 2020 elections

Legislative request: Report on Maricopa County’s (County) process to acquire the Dominion voting system (voting system), including the County’s compliance with its procurement code; County Board of Supervisors (Board) meetings to discuss the acquisition; security and technical analysis that occurred prior to acquisition; and the agreement terms (see Appendix A, page a-1, for session law).

Conclusion: The County complied with its procurement requirements when it procured the voting system that it used for the 2020 elections. The County’s Board approved the contract at a public meeting on June 26, 2019. The County relied on federal and State certifications and its own testing for security and technical analysis of the voting system prior to the 2020 elections. The County made a final amendment to the agreement terms (contract) with Dominion prior to the 2020 elections on February 10, 2020, and entered into a 3-year lease of the voting system.

County complied with its procurement requirements for procuring voting system, including Board approval of contract at public meeting

Consistent with the recommendation from the work group the County formed to identify improvements to its elections department (see Introduction, page 3, for further information regarding the work group), the County issued a request for proposals (RFP) for a new voting system, which it referred to in the RFP as an elections tabulation system, and awarded a contract approved by the Board, effective August 1, 2019, to Dominion for the voting system. The County’s procurement of the voting system complied with its procurement requirements we tested. The textbox provides a general definition of a voting system and information about specific components of the County’s voting system, and Photo 2 (see page 18) provides photographs of 2 of its components.

Voting system—The total combination of mechanical, electromechanical, and electronic equipment (including the software, firmware, and documentation required to program, control, and support the equipment) that is used to define ballots, cast and count votes, report or display election results, interface the voting system to the voter registration system, and maintain and produce any audit trail information.

For example, the County’s voting system includes items such as precinct-based tabulators used at individual precincts, central count tabulators used at MCTEC to tabulate early ballots, various software programs, and machine and software licenses. See Appendix K, page k-1, for the full list of equipment and software included in the voting system.

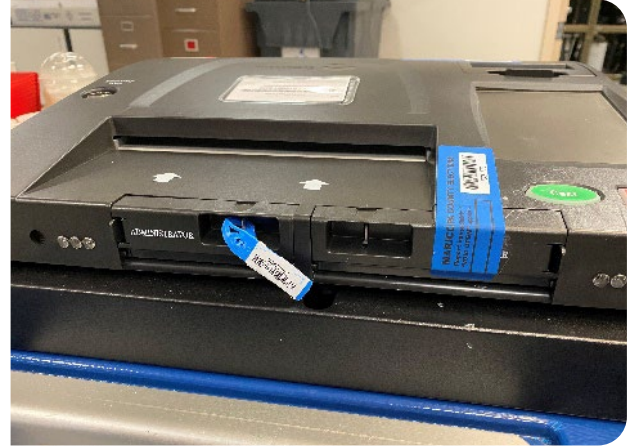
Source: *EAC Testing & Certification Program* and Auditor General staff analysis of the County’s contract with Dominion, as amended February 10, 2020.

Photo 2

High-Pro Central high-speed scanner



Precinct-based tabulator with tamper-evident seals attached



Source: Photographs provided by Maricopa County.

The County must follow procurement requirements when procuring goods and services, including voting systems—The Board-adopted procurement requirements, also referred to as the County’s procurement code, prescribe the rules and process the County must follow to procure goods and services and include several provisions, such as:

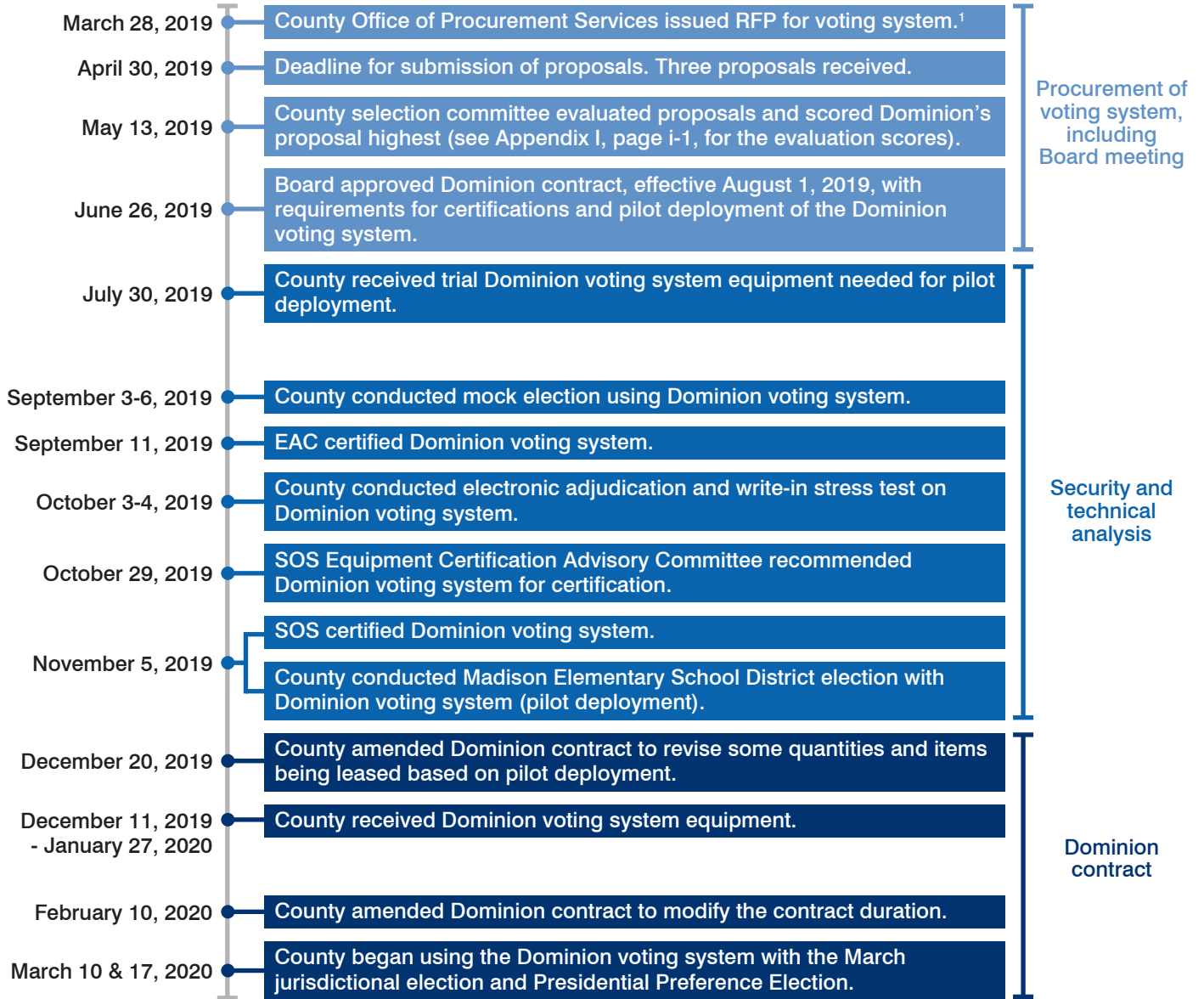
- The County having to issue a RFP that describes the good or service requested and the necessary specifications, including the evaluation criteria.
- Vendors having to submit competitive sealed proposals.
- A County selection committee having to evaluate proposals and make a recommendation based on the criteria set forth in the RFP.
- The County’s procurement officer having to recommend to the Board the award of a contract to the vendor whose proposal is determined to be most advantageous to the County based on the criteria set forth in the RFP.
- The County’s having to have Board approval of the contract to award it to the vendor.

All County procurements, including those made with private, nongovernmental grant monies and those for voting systems, must follow these same procurement requirements.

The County received 3 proposals in response to the RFP and, as required, used a selection committee to evaluate them—As shown in Figure 2 (see page 19), 3 vendors submitted proposals in response to the RFP the County issued on March 28, 2019. A 6-person selection committee of County employees, including 3 from the County Recorder’s Office/Elections Department and 1 each from the Office of Enterprise Technology, Internal Audit, and County Manager’s Office, evaluated the proposals. Each committee member scored the proposals based on the evaluation criteria set forth in the RFP. According to the selection committee’s May 13, 2019, ratings, the Dominion proposal received the highest total score for all evaluation criteria, as well as the highest score for each individual evaluation criterion (see Appendix I, page i-1, for the evaluation criteria and selection committee scores.) The County’s procurement officer determined that Dominion’s proposal was the most advantageous to the County and recommended that the Board approve a contract with Dominion.

Figure 2

**Timeline of steps taken by County to procure, test, and acquire Dominion voting system
March 28, 2019 through March 17, 2020**



¹ The County's RFP referred to the voting system as an elections tabulation system.

Source: Auditor General staff analysis of Maricopa County procurement records.

The Board approved contract with Dominion at a public meeting as required—The Board’s June 26, 2019, public meeting agenda included 2 items related to the voting system contract: first, an item to receive the final written report of the work group—the May 20, 2019, report previously referred to on page 4—and adopt the report’s recommendations, which included the recommendation mentioned earlier to replace the County’s existing election tabulation equipment and second, an item to award the voting system contract to Dominion. During the Board’s discussion of the work group report, several Board members referred to the voting system contract, but Board members did not specifically discuss the contract. During the item to award the voting system contract, the Board approved the contract with Dominion, in accordance with the County’s procurement requirements, without discussion. The contract with Dominion became effective August 1, 2019, with requirements for certifications and pilot deployment of the voting system. During the meeting’s call to the public, 3 individuals made comments related to elections; however, none of them mentioned the voting system procurement or Dominion.

For security and technical analysis, County relied on federal and SOS certifications and conducted testing and pilot deployment of voting system to help ensure it was sufficient to support the County’s election operations

The EAC certified the voting system as contract requires—On September 11, 2019, the EAC certified the Dominion voting system consistent with the contractual requirements.¹⁷ Although EAC certification of the voting system is voluntary under federal law, Arizona law requires the voting system to be tested by a laboratory that is accredited pursuant to the federal Help America Vote Act of 2002 (HAVA) as discussed below.¹⁸ HAVA created the EAC and requires the EAC to provide for the accreditation of independent, nonfederal laboratories qualified to test voting systems to federal standards.¹⁹

HAVA also required the EAC to establish the Voluntary Voting System Guidelines (Guidelines), which it did on December 13, 2005.²⁰ In addition, HAVA required the EAC to operate a voting system certification program. The EAC’s Testing and Certification Program (Program) is meant to assist state and local election officials by providing voting machine testing and certification.²¹ According to the EAC, the Program’s purpose “is to independently verify that voting systems comply with the functional capabilities, accessibility, and security requirements necessary to ensure the integrity and reliability of voting system operation, as established in the [Guidelines].”²²

¹⁷ The specific Dominion voting system modification the County procured and that the EAC and SOS certified is Dominion’s Democracy Suite 5.5-B. According to the EAC certification, the Democracy Suite 5.5-B Voting System is a paper-based optical scan voting system with a hybrid paper/direct recording electronic (DRE) option consisting of the following major components: The Election Management System, the ImageCast Central, the ImageCast Precinct, the ImageCast Evolution, the ImageCast X DRE with Reports Printer, ImageCast X DRE with voter-verifiable paper audit trail, and the ImageCast X ballot marking device. The Democracy Suite 5.5-B Voting System configuration is a modification from the EAC-approved Democracy Suite 5.5 system configuration. See Appendix J, pages j-1 through j-13, for the EAC’s certification of the voting system. The EAC must approve any change to an EAC-certified voting system, including changes to hardware, software, firmware, documentation, or data. (https://www.eac.gov/sites/default/files/voting_system/files/DVS_5.5B_Certificate_Scope_Conformance.pdf, retrieved February 17, 2022.)

¹⁸ A.R.S. §16-442(B) requires that machines or devices used at any election for federal, State, or county offices may only be certified for use in the State and may only be used in the State if they comply with HAVA and if those machines or devices have been tested and approved by a laboratory that is accredited pursuant to HAVA.

¹⁹ HAVA requires that the National Institute of Standards and Technology (NIST) evaluate independent, nonfederal laboratories and submit to the EAC a list of those laboratories to be accredited. Additionally, HAVA requires NIST to monitor and review the performance of EAC-accredited laboratories. NIST has chosen its National Voluntary Laboratory Accreditation Program (NVLAP) to carry out these duties. NVLAP conducts a review of applicant laboratories in order to provide a measure of confidence that such laboratories can perform testing of voting systems to federal standards. Additionally, the NVLAP program monitors laboratories by requiring regular assessments. Laboratories are reviewed 1 year after their initial accreditation and biennially thereafter. The EAC has made NVLAP accreditation a requirement of its Voting System Test Laboratory Program.

²⁰ The Guidelines are a set of specifications and requirements against which voting systems can be tested to determine if they provide all the basic functionality, accessibility, and security capabilities required of voting systems.

²¹ EAC. (2021). EAC Testing & Certification Program. Washington, DC.

²² EAC. (2021). EAC Testing & Certification Program. Washington, DC.

To receive EAC certification, voting systems must be tested by an EAC-accredited voting system testing laboratory for conformance to the Guidelines, which include guidance regarding design, quality, cybersecurity, transparency, interoperability, accessibility, privacy, usability, auditability, secrecy, access control, physical security, data protection, system integration, detection, and monitoring of voting systems. The EAC then verifies the evaluation in accordance with the provisions of the *EAC Voting System Testing and Certification Program Manual* and that the conclusions of the testing laboratory in the test report are consistent with the evidence.

The SOS certified the voting system as State law requires—In accordance with State law, the County's contract with Dominion required that the voting system be certified by the SOS. Specifically, State law requires the SOS to form a committee to investigate and test vote recording or tabulating machines that may be used in the State and make recommendations regarding their adoption to the SOS, who makes the final decision regarding certification.²³ The County's contract with Dominion allowed the County to terminate the contract if the voting system did not obtain SOS certification. The SOS reported that on October 25, 2019, it posted on its website, the Arizona Public Meetings website, and in its lobby a notice for a public meeting to be held on October 29, 2019, at which the SOS Equipment Certification Advisory Committee (Committee) would review Dominion's application for certification and conduct tests of its voting system. At the meeting, the Committee tested the Dominion voting system and voted unanimously to recommend its certification. On November 5, 2019, the SOS certified the voting system.

The County tested the voting system and conducted a pilot deployment to ensure it would be sufficient to support election operations—The County's contract with Dominion also required Dominion to provide the County a fully functioning voting system at no additional cost to the County to use during the pilot phase. This voting system was the actual voting system the County was contracted to purchase from Dominion, but only a limited number of machines needed to perform the pilot deployment. The County's pilot phase entailed 3 different components:

- First, the County conducted a mock election with the voting system. Specifically, from September 3 through 6, 2019, Dominion trained County staff how to use the voting system, and the County processed 7,868 test ballots through it as though it were a real election. The County completed the mock election and did not note any issues.
- Second, the County conducted an electronic adjudication write-in stress test of the voting system.²⁴ Specifically, on October 3 and 4, 2019, the County performed a stress test to determine the speed at which ballots could be adjudicated to determine the number of adjudication machines the County would need. The County completed the stress test and did not note any issues.
- Third, as required by the contract, the County conducted a small jurisdictional election in November 2019 using the voting system.²⁵ Specifically, on November 5, 2019, the County conducted the pilot deployment of the voting system at the Madison Elementary School District election. This election was an all-mail election with 11,888 ballots submitted. The County reported that it used the voting system's precinct-based equipment and central count tabulators to count the votes at the election, and a 100 percent hand count was also done that confirmed the machine counts. Although the County's contract with Dominion allowed the County to terminate the contract if this pilot deployment was unsuccessful, the County did not need to do so.²⁶

²³ A.R.S. §16-442(A) requires the Secretary of State to appoint a committee of 3 persons to investigate and test the various types of vote recording or tabulating machines or devices that may be used in the State. The committee is to consist of a member of the engineering college at 1 of the universities, a member of the State Bar of Arizona, and 1 person familiar with voting processes in the State, no more than 2 of whom shall be of the same political party, and at least 1 of whom shall have at least 5 years of experience with and shall be able to render an opinion based on knowledge of, training in, or education in electronic voting systems, procedures, and security. The committee submits its recommendations to the Secretary of State, who then makes the final adoption of the type or types, make or makes, and model or models to be certified for use in the State.

²⁴ According to NIST, adjudication is the process of resolving flagged cast ballots to reflect voter intent. Common reasons for flagging include write-ins, overvotes, marginal machine-readable mark, having no contest selections marked on the entire ballot, or the ballot being unreadable by a scanner. Retrieved from <https://pages.nist.gov/ElectionGlossary/> on February 22, 2022.

²⁵ Although the contract allowed for a pilot deployment in March 2020, if necessary, the County did not need to do one.

²⁶ The contract does not include specific criteria for evaluating whether the pilot deployment was unsuccessful but provides that the determination of whether the pilot deployment was unsuccessful is at the County's sole discretion.

County finalized contract terms on February 10, 2020, for 3-year lease of Dominion voting system at total cost of \$5.94 million

Following the successful pilot deployment, the County twice amended its contract with Dominion before the 2020 elections. Specifically, on December 20, 2019, the County amended the contract to revise some of the quantities and voting system equipment purchased under the contract (see Appendix K, page k-1, for voting system items included in the contract and related costs). The County further amended the contract on February 10, 2020, to clarify the contract's duration—a 3-year lease of the voting system that began on January 1, 2020, at a total cost of \$5.94 million. The contract also specifies that the County has an option to extend the contract with Dominion for an additional 2 years and 7 months.²⁷

The contract requires Dominion to train the County in performing preventative maintenance. According to the contract, preventative maintenance is primarily focused on the voting system's mechanical components and consists of standard steps and checklists for each type of ImageCast Ballot Marking Devices and accessible voting system component. Dominion is also responsible for repairing any failed component under warranty and coordinating any repair or maintenance actions with the County. Dominion's warranty must also cover any software or firmware patches, fixes, and updates, including any associated installation, testing, the necessary support to implement the changes, and SOS approval.

²⁷ The contract does not specify the cost for the optional extension.



Session law

Pursuant to Laws 2021, Ch. 408, §54:

The auditor general shall conduct a special audit of financial and related information of any private, nongovernmental grant monies used for this state's 2020 elections and Maricopa county's procurement of voting systems. On or before March 31, 2022, the auditor general shall submit a report to the governor, the president of the senate and the speaker of the house of representatives on all of the following:

1. Private, nongovernmental grant monies received and expended by the Secretary of State's Office for the 2020 elections and any balance remaining unexpended on June 30, 2021, for the following:
 - a. Educating voters how to sign up for the permanent early voting list or how to request an early ballot. The report shall include the type of information provided and where the information was provided.
 - b. Recruiting poll workers. The report shall include where the recruitment was targeted and advertised and the requirements for poll worker selection.
 - c. Combating misinformation and disinformation about the 2020 elections. The report shall include the methods used, the type of information provided and where the information was provided.
 - d. Personnel and employee-related expenses. The report shall include an analysis of why the monies were used for these specific purposes.
2. Private, nongovernmental grant monies received and expended by Maricopa County on programs and processes for the 2020 elections, including the purpose of the expenditures, the amount spent for personnel and employee-related expenses and any balance remaining unexpended on June 30, 2021.
3. Private, nongovernmental grant monies received and expended by Pima County on programs and processes for the 2020 elections, including the purpose of the expenditures, the amount spent for personnel and employee-related expenses and any balance remaining unexpended on June 30, 2021.
4. Maricopa County's process to acquire Dominion Voting Systems, including information regarding:
 - a. Compliance with the county's procurement code.
 - b. Agreement terms, including acquisition costs, time frames, and machine maintenance and security.
 - c. The Maricopa County Board of Supervisors meetings to discuss the acquisition, including any public comment.
 - d. The security and technical analysis that occurred before the acquisition.

Source: Laws 2021, Ch. 408, §54.

CTCL grant monies received by Arizona counties

The following table lists the Arizona counties that received CTCL grant monies and how each county spent the grant monies, categorized by the CTCL spending categories. According to the public disclosure copy of CTCL's 2020 federal Form 990 Return of Organizations Exempt From Income Tax, posted on the CTCL website, 9 of the 15 Arizona counties received CTCL grant monies for the 2020 elections, totaling \$6,810,967.²⁸

Table 7
CTCL grant monies received by Arizona counties for the 2020 elections and amounts used, categorized by CTCL categories
June 1, 2020 through August 31, 2021
(Unaudited)

	Arizona counties that received CTCL grant monies for 2020 elections								
	Apache ¹	Coconino	Graham	La Paz	Maricopa ²	Navajo	Pima	Pinal	Yuma
CTCL grant monies received	\$598,700	\$614,691	\$32,450	\$17,532	\$2,995,921	\$614,420	\$950,446	\$806,042	\$180,765
Interest on grant monies					10,770				
Total grant monies, including interest	598,700	614,691	32,450	17,532	3,006,691	614,420	950,446	806,042	180,765
Uses of CTCL grant monies:									
Ballot drop boxes		25,041				216		34,165	
Drive-through voting								1,707	
Personal protective equipment (PPE) for staff, poll workers, or voters		32,011			8,965	687		22,870	
Poll worker recruitment funds, hazard pay, and/or training expenses		48,680	2,510		61,064	47,180	941,408		
Polling place rental and cleaning expenses		12,265			231,780	139			
Temporary staffing support		117,676	1,461		1,105,274	22,214		67,819	
Election department real estate costs, or costs associated with satellite election department office		54,104				54,602		121,705	8,173
Vote-by-mail/Absentee voting equipment or supplies		35,854			176,706	46,823	9,038	158,778	45,707
Election administration equipment		113,277		17,532	267,325	402,364		65,518	117,748
Voting materials in languages other than English		42,433				13,600			
Nonpartisan voter education		43,243				5,964			9,137
Total uses	0	524,584	3,971	17,532	1,851,115	593,789	950,446	472,562	180,765
Unused grant monies, including interest	598,700	90,107	28,479	0	1,155,576	20,631	0	333,480	0
Returned to grantor		90,107	28,479		1,155,576	20,631		333,480	
Remaining grant monies as of August 31, 2021	\$598,700	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

¹ The Apache County Chief Deputy Recorder reported as of March 3, 2022, that Apache County had not submitted a grant report to CTCL to show how it used the monies. Initial grant reports were due to CTCL by January 31, 2021.

² In February 2021, Maricopa County received approval from CTCL to expend unused grant monies it had received for the 2020 elections for other election expenses through June 30, 2021. Therefore, as approved by the grantor, Maricopa County used some CTCL grant monies for 2021 elections.

Source: Auditor General staff analysis of grant reports counties submitted to CTCL provided by each county and the public disclosure copy of CTCL's 2020 federal Form 990 Return of Organizations Exempt From Income Tax posted on the CTCL website (<https://www.techandcivillife.org/>, retrieved on February 2, 2022).

²⁸ <https://www.techandcivillife.org/>, retrieved on February 2, 2022.



SOS methods and related information for combating misinformation and disinformation—primary election

The following table presents the primary election advertising methods and locations the SOS purchased with private, nongovernmental grant monies. Digital advertising was available anywhere the user had internet access. Various examples of the different advertisements follow the table.

Primary election		
<i>Digital advertising</i> —The following includes digital advertising campaigns, the target audiences, and amounts. This advertising was available anywhere a user had internet access.		
Method	Target audience	Amount
Facebook, Instagram, and website advertising	Targeting registered voters on PEVL	\$ 54,800
	Targeting CRM list of people not on PEVL	24,086
	Targeting nonregistered voters	57,004
Website advertising	Targeting Independent and nonpartisan voters	18,625
Total primary election digital advertising		\$154,515
<i>Traditional advertising</i> —The following includes all newspaper and radio ad campaigns, the locations, and amounts.		
Method	Location	Amount
Newspaper	Apache and Navajo Counties (2 newspapers, including the online editions)	\$ 5,428
Radio (English)	Apache, Cochise, Coconino, Gila, Greenlee, Graham, La Paz, Mohave, Navajo (English and Diné), Yavapai, and Yuma Counties (39 radio stations)	61,459
	Phoenix (7 radio stations)	20,597
	Tucson (8 radio stations)	9,741
Radio (Spanish)	Maricopa, Pima, Santa Cruz, Yavapai, and Yuma Counties (8 radio stations)	20,779
Total primary election traditional advertising		118,004
Total primary election advertising		\$272,519

Source: Auditor General staff analysis of SOS 2020 elections media plan summary.

Primary election digital advertising examples

2020 ELECTION SEASON IS HERE.
Register to vote on or before July 6 at Arizona.Vote >

INDEPENDENT VOTER? REQUEST A BALLOT-BY-MAIL BY JULY 24.
Learn more at Arizona.Vote >

VOTING BY MAIL IS SAFE AND SECURE.
Request your Primary Election ballot at Arizona.Vote >

Secretary Katie Hobbs
Sponsored · Paid for by Office of the Arizona S... ·

Register to vote on or before July 6 for the Primary Election on August 4. To register to vote, visit Arizona.Vote now.

Confirmed Organization

ARIZONA.VOTE
2020 Election Season
Register to Vote by July 6 [LEARN MORE](#)

Instagram

Secretary Katie Hobbs
Sponsored

Voting by mail is safe and secure. Request a one-time ballot-by-mail or join the Permanent Early Voting List at www.arizona.vote.

Confirmed Organization

ARIZONA.VOTE
Request Ballot-by-Mail
Vote by mail is safe & secure [LEARN MORE](#)

Paid for by Office of the Arizona Secretary of State
2020 election season! Register to vote or update your voter registration on or before July 6 for the Primary Election on August 4. Visit Arizona.Vote.

Source: SOS-provided document created by its contracted advertising agency.

Primary election newspaper advertising examples

2020 ELECTION SEASON IS HERE.
REGISTER TO VOTE ON OR BEFORE JULY 6.

Why is July 6 so important? It is the voter registration deadline for the Primary Election on August 4. Don't wait. Register to vote, update your voter registration, or request a Ballot-by-Mail online at Arizona.Vote. It's your source for trusted election information.

Arizona.Vote

PRIMARY ELECTION EARLY VOTING HAS BEGUN.
REMEMBER THESE THREE THINGS.

Let your voice be heard in the August 4 Primary Election. Remember:

- You can request your ballot-by-mail or sign up for the Permanent Early Voting List (PEVL) until **July 24**.
- If you have an early ballot, mail it back by **July 29**. After that, drop it off at a voting location to make sure it is received by 7 p.m. on August 4.
- **Independent voters** can participate in early voting. Just contact your County Recorder's Office to select a party ballot.

Learn more at Arizona.Vote today. It's your trusted source for election information.

Arizona.Vote

Source: SOS-provided document created by its contracted advertising agency.

Transcript of primary election radio advertising examples¹

English	Spanish	Diné
<p>Hi, I'm Arizona Secretary of State Katie Hobbs. The 2020 election season is coming up fast. There is an important date to remember. July 6th. Why is July 6th so important? It's the voter registration deadline for the primary election on August 4th. Don't wait. Register to vote or update your voter registration online at Arizona.Vote. It's your source for trusted election information, including requesting a ballot-by-mail. Visit Arizona.Vote today.</p>	<p>Las elecciones del 2020 se aproximan. Y hay una fecha importante que debe recordar; el 6 de julio. ¿Porque es tan importante el 6 de julio? Es la fecha límite para registrarse a votar para la elección primaria del 4 de agosto. No espere, regístrese para votar o actualice su registro de votante en línea en Arizona.Vote. Es su fuente confiable de información electoral Y donde puede solicitar su boleta por correo. Visite Arizona.Vote, hoy</p>	<p>A Diné language version of this ad was not used.</p>
<p>Hi, I'm Secretary of State Katie Hobbs with a reminder for Arizonans. To vote by mail in the primary election you must request your ballot, or sign up for the permanent early voting list, on or before July 24th. We recommend mailing it back by July 29th. If you're an independent voter, contact your county recorder's office to select a party ballot. Learn more at Arizona.Vote.</p>	<p>La votación temprana para las elecciones primarias del 4 de agosto ha comenzado. La oficina de la Secretaria de Estado les recuerda, a las personas que desean votar por correo lo siguiente. Debe solicitar su boleta por correo, o inscribirse en la lista permanente de votación temprana a más tardar el 24 de julio. Se recomienda que devuelva su boleta por correo antes del 29 de julio. Si es un votante independiente, comuníquese con la oficina del registrador de su condado para seleccionar una boleta de partido. Visite Arizona.Vote para más información.</p>	<p>The message of this ad was consistent with the message of the English version of the ad.</p>

¹ Diné is largely a spoken language rather than a written language. Therefore, rather than providing a transcript of each radio ad in Diné, we contracted with a Diné speaker to assess the consistency of the message of each Diné radio ad compared to the message of the English version of the ad. The results are presented in the table.

Source: Auditor General staff transcription of SOS-provided English and Spanish audio files and Auditor General contractor's assessment of SOS-provided Diné audio files all created by its contracted advertising agency.



SOS methods and related information for combating misinformation and disinformation—general election

The following table presents the general election advertising methods and locations the SOS purchased with private, nongovernmental grant monies. Digital advertising was available anywhere the user had internet access. Various examples of the different advertisements follow the table.

General election

Digital advertising—The following includes digital advertising campaigns, the target audiences, and amounts. This advertising was available anywhere a user had internet access.

Method	Target audience	Amount
Facebook, Instagram, and website advertising	Targeting registered voters on PEVL	\$1,114,297
	Targeting CRM list of people not on PEVL	491,052
	AZ nonregistered voters.	253,479
Facebook, Instagram, website advertising, and YouTube	Everyone in AZ age 18 and older	814,143
Total general election digital advertising		\$2,672,971

Traditional advertising—The following includes newspaper, outdoor, radio, and television ad campaigns, the locations, and amounts.

Method	Location	Amount
Newspaper	Apache and Navajo Counties (3 newspapers, including the online editions for 2 newspapers)	\$ 14,940
	Apache and Navajo Counties (voter registration inserts in 3 newspapers)	1,800
	Apache, Cochise, Coconino, Gila, Graham, Greenlee, La Paz, Mohave, Navajo, Pinal, Santa Cruz, Yavapai, and Yuma Counties (28 newspapers)	101,116
	Arizona Republic and Arizona Daily Star	18,884
Outdoor (electronic)	Maricopa County (includes freeway bulletins, street digital posters, digital mall ads, and digital bus shelters)	115,618
	State-wide (gas station TV)	12,819
Outdoor (print)	Apache, Cochise, Coconino, Gila, Graham, Greenlee, La Paz, Mohave, Navajo, Pinal, Santa Cruz, Yavapai, and Yuma Counties (includes bulletins, posters, bus shelters, and gas pump toppers)	83,925
Radio	Cochise, Coconino, Gila, Graham, La Paz, Mohave, Navajo, Pima, Pinal, and Yavapai Counties (SKYVIEW Arizona Radio News Network 49 radio stations)	18,816
Radio (English)	Apache, Cochise, Coconino, Gila, Greenlee, Graham, La Paz, Mohave, Navajo (English and Diné), Yavapai, and Yuma Counties (39 radio stations)	\$ 105,395

General election		
Radio (English)	Phoenix (9 radio stations)	\$ 49,097
	Tucson (8 radio stations)	16,080
	Phoenix and Tucson (NPR stations)	17,281
	Phoenix, Tucson, and Yuma (traffic ads)	37,551
Radio (Spanish)	Maricopa, Yavapai, and Yuma Counties (3 radio stations)	43,992
Television (English)	Cochise, Coconino, Gila, Greenlee, Graham, La Paz, Maricopa, Mohave, Navajo, Pima, Pinal, Santa Cruz, and Yavapai Counties (PBS)	11,367
Television (Spanish)	Apache, Cochise, Coconino, Gila, Greenlee, Graham, La Paz, Mohave, Navajo, Pima, Pinal, Santa Cruz, Yavapai, and Yuma Counties	172,046
Total general election traditional advertising		820,727
Total general election advertising		\$3,493,698

Source: Auditor General staff analysis of SOS 2020 elections media plan summary.

General election digital advertising examples



Source: SOS-provided document created by its contracted advertising agency.

General election newspaper advertising examples¹


THE GENERAL ELECTION IS NOVEMBER 3.

REGISTER TO VOTE BY OCTOBER 5.

ARIZONA.VOTE is your trusted source for all election needs:

- ✓ Register to vote
- ✓ Confirm your information is up to date
- ✓ Request one-time ballot-by-mail
- ✓ Sign up for the Permanent Early Voting List (PEVL) to automatically receive a ballot-by-mail for every election you're qualified to vote in
- ✓ Learn how Arizona is keeping voters and poll workers safe

ARIZONA.VOTE




LA ELECCIÓN GENERAL ES EL 3 DE NOVIEMBRE. REGÍSTRESE PARA VOTAR ANTES DEL 5 DE OCTUBRE.

ARIZONA.VOTE es su fuente confiable para todas las necesidades electorales:

- ✓ Regístrese para votar
- ✓ Confirme que sus datos estén actualizados
- ✓ Solicite una boleta por correo
- ✓ Regístrese en la Lista Permanente de Votación Temprana (PEVL, por sus siglas en inglés) para recibir automáticamente su boleta por correo para cada elección en la que está calificado para votar
- ✓ Vea cómo mantiene seguros a los votantes y trabajadores el estado de Arizona

ARIZONA.VOTE



¹ According to the advertising agency, these newspaper advertisements ran prior to the federal court decision that extended the voter registration deadline from October 5 to October 15. *Mi Familia Vota v. Hobbs*, 977 F.3d 948 (9th Cir. 2020).

Source: SOS-provided document created by its contracted advertising agency.

General election outdoor (electronic) advertising example

GENERAL ELECTION.
ALL BALLOTS DUE NOVEMBER 3 BY 7 PM.

Details at [Arizona.Vote](https://arizona.vote)



Source: SOS-provided document created by its contracted advertising agency.

General election outdoor (print) advertising example



Source: SOS-provided document created by its contracted advertising agency.

Transcript of general election radio advertising examples¹

English	Spanish	Diné
<p>The 2020 general election is November 3rd. That's just around the corner. Hi, I'm Arizona Secretary of State Katie Hobbs with an important message. The deadline to register to vote is October 5th.² So don't wait, visit Arizona.Vote and register today. You can also request a one-time ballot by mail or sign up for the permanent early voting list. Remember the voter registration deadline is October 5th. Visit Arizona.Vote your source for trusted election information.</p>	<p>La elección general del 2020 es el 3 de noviembre. Este es un recado importante de la Oficina de la Secretaría del estado de Arizona. La fecha límite para registrarse para votar es el 5 de octubre. No espere, visite Arizona.Vote y regístrese hoy. También puede solicitar una boleta por correo por esta única vez; o inscribirse en la lista permanente de votación temprana. Recuerde, la fecha limita para registrarse para votar es el 5 de octubre. Visite Arizona.Vote.</p>	<p>The message of this ad was consistent with the message of the English version of the ad.</p>
<p>The general election is coming up. I'm Secretary of State Katie Hobbs and here's how you can vote by mail. October 23rd is the last day to request a ballot by mail for the general election. To get yours, visit Arizona.Vote. Voting by mail is secure, reliable, and convenient. Complete your ballot and mail it back as soon as possible. Or you can take your ballot to any official drop box or official voting location in your county. To request your ballot by mail, visit Arizona.Vote today.</p>	<p>La elección general se aproxima. Este es un mensaje de la Secretaría del Estado de Arizona. El 23 de octubre es el último día para solicitar una boleta por correo para la elección general. Para obtener la suya; visite Arizona.Vote. Votar por correo es seguro, confiable y conveniente. Complete su boleta y envíela por correo lo antes posible. También la puede dejar en cualquier lugar de entrega de boletas, o en un lugar de votación oficial en su condado. Para solicitar su boleta por correo, visite Arizona.Vote hoy.</p>	<p>The message of this ad was consistent with the message of the English version of the ad.</p>
<p>Hi, I'm Secretary of State Katie Hobbs. The 2020 general election is Tuesday November 3rd. Voting locations across the state will be open on election day from 6 am to 7 pm. Make a plan before you go to the polls. Find a voting location and bring your ID. If you still have a ballot by mail, you can return it to any official drop box or voting location by 7 pm November 3rd. For more information on how to prepare for election day, visit Arizona.Vote. Your trusted source for election information.</p>	<p>Este es un mensaje de la Secretaria de Estado. La elección general de 2020 es el martes 3 de noviembre. Los lugares de votación estarán abiertos el día de la elección de 6 am a 7 pm. Haga un plan antes de ir a votar. Busque su lugar para votar y traiga su identificación. Si todavía tiene una boleta por correo; puede devolverla a cualquier buzón electoral o lugar de votación antes de las 7 pm el 3 de noviembre. Para más información visite Arizona.Vote. Su fuente confiable de información electoral.</p>	<p>The message of this ad was consistent with the message of the English version of the ad.</p>

¹ Diné is largely a spoken language rather than a written language. Therefore, rather than providing a transcript of each radio ad in Diné, we contracted with a Diné speaker to assess the consistency of the message of each Diné radio ad compared to the message of the English version of the ad. The results are presented in the table.

² According to the advertising agency, these radio advertisements ran prior to the federal court decision that extended the voter registration deadline from October 5 to October 15. *Mi Familia Vota v. Hobbs*, 977 F.3d 948 (9th Cir. 2020).

Source: Auditor General staff transcription of SOS-provided English and Spanish audio files and Auditor General contractor's assessment of SOS-provided Diné audio files all created by its contracted advertising agency.

Transcript of general election television advertising examples

English	Spanish
<p>The general election is November 3rd. Still have your ballot by mail. Return ballots to any election drop box or voting location in your county. You don't have to stand in line to do it. Learn more at Arizona.Vote. (https://vimeo.com/652194532/c3c4376b5f)</p>	<p>La elección general es el 3 de noviembre. ¿Todavía tiene su boleta por correo? Devuelva la boleta a cualquier buzón electoral o lugar de votación en su condado. No tiene que hacer fila para dejarla. Aprenda más en Arizona.Vote. (https://vimeo.com/652194653/c12ea51c8f)</p>

Source: Auditor General staff transcription of SOS-provided video file created by its contracted advertising agency.

Transcript of general election outdoor (electronic—gas station TV) advertising

English
<p>The general election is November 3rd. You can vote in person. Voting locations are open from 6 am to 7 pm on election day. Remember to bring appropriate ID. Still have your ballot by mail? Return ballots to any election drop box or voting location in your county. Recommended last day to mail back is October 27th. Learn more at Arizona.Vote (https://vimeo.com/652195299/763d6d8d3d)</p>

Source: Auditor General staff transcription of SOS-provided video file created by its contracted advertising agency.



SOS methods and related information for combating misinformation and disinformation—post-election

The following table presents the post-election advertising methods and locations the SOS purchased with private, nongovernmental grant monies. Digital advertising was available anywhere the user had internet access. Various examples of the different advertisements follow the table.

Post election

Digital advertising—The following includes digital ad campaigns, the target audience, and amount. This advertising was available anywhere a user had internet access.

Method	Target audience	Amount
Facebook, Instagram, and website advertising	Everyone in AZ age 18 and older	\$215,728
Total post-election digital advertising		\$215,728

Traditional advertising—The following includes outdoor and radio ad campaigns, locations, and amounts.

Method	Location	Amount
Outdoor (electronic)	Maricopa, Mohave, and Yuma Counties (<i>includes freeway bulletins and street digital posters</i>)	\$ 85,804
Radio (English)	Apache, Cochise, Coconino, Gila, Greenlee, Graham, La Paz, Mohave, Navajo, Yavapai, and Yuma Counties (39 radio stations)	36,521
	Phoenix (7 radio stations)	28,795
	Tucson (8 radio stations)	14,744
Radio (Spanish)	Maricopa, Yavapai, and Yuma Counties (3 radio stations)	19,135
Total post-election traditional advertising		184,999
Total post-election advertising		\$400,727

Source: Auditor General staff analysis of SOS 2020 elections media plan summary.

Post-election digital advertising examples



Source: SOS-provided document created by its contracted advertising agency.

Post-election outdoor (electronic) advertising examples



Source: SOS-provided document created by its contracted advertising agency.

Transcript of post-election radio advertising examples


English	Spanish	Diné
<p>What happens after the voting locations close? This is Secretary of State Katie Hobbs. In Arizona you'll start to see election results around 8 pm on election day. However, these early results will change as county election officials continue to verify and count ballots. This takes time, so please be patient as election officials work to ensure every eligible vote is counted. Throughout the process you can track your ballot and find updated results at Arizona.Vote your trusted source for election information</p>	<p>¿Qué sucede después de que los lugares de votación cierran? Este es un mensaje de la Secretaria de Estado. En Arizona comenzaran a ver los resultados de las elecciones; alrededor de las 8 pm el día de la elección. Estos resultados cambiarán a medida que los funcionarios electorales de cada condado, continúen verificando y contando las boletas. Esto toma tiempo. Así que por favor tenga paciencia mientras trabajan para garantizar que cada voto elegible sea contado. Encuentra resultados actualizados y verifique el estado de su boleta en Arizona.Vote. Su fuente confiable de información electora.</p>	<p>A Diné language version of this ad was not used.</p>
<p>This is Arizona Secretary of State Katie Hobbs with an election update. The State will certify the 2020 general election results on November 30th. You can check results anytime at Arizona.Vote and thank you Arizona for another safe and secure election. More than 3.4 million Arizonans voted in the general election. To learn more about voting visit Arizona.Vote. It's your trusted source for election information. Look for the certified election results on November 30th</p>	<p>Esta es una actualización de las elecciones de parte de la Secretaria de Estado de Arizona. El estado certificará los resultados de la elección general del 2020 el 30 de noviembre. Puede verificar los resultados en cualquier momento en Arizona.Vote. Y gracias Arizona por otra elección segura y protegida. Más de 3.4 millones de personas votaron en la elección general. Para más información sobre la votación; visite Arizona.Vote. Es su fuente confiable de información electoral. Busque los resultados de las elecciones certificadas el 30 de noviembre.</p>	<p>A Diné language version of this ad was not used.</p>

Source: Auditor General staff transcription of SOS-provided English and Spanish audio files created by its contracted advertising agency.




PEVL mailer

The following is an example of the mailer that the SOS sent in 2020 to educate voters about how to sign up for PEVL or how to request an early ballot.



KATIE HOBBS
SECRETARY OF STATE



YOU HAVE A SAY IN HOW TO PARTICIPATE IN THE 2020 GENERAL ELECTION.

Registered voters in Arizona have many options for making their voices heard in the 2020 General Election. Any voter can choose to vote in person, early or on Election Day or they can request a ballot-by-mail. Our state has a secure and reliable voting by mail process, and most Arizonans already vote by mail from the comfort of their homes.

This year, because of the ongoing concerns about the pandemic, the Centers for Disease Control and Prevention (CDC) recommends voting by mail to help keep voters and poll workers safe.

You can either request a one-time ballot by mail for this election, or you can join the Permanent Early Voting List (PEVL) and receive a ballot in the mail automatically for elections you qualify to participate in from now on. Here is some more information about your ballot-by-mail options.

- 1. Permanent Early Voting List (PEVL)**
Voters on the PEVL are automatically sent a ballot-by-mail for all elections in which they are eligible to vote. There is no deadline to join the PEVL. However, to get a ballot-by-mail for an upcoming election, you must sign up at least 11 days before Election Day. That means your request must be made by October 23 if you want to join PEVL in time for the General Election.
- 2. One-Time Ballot-by-Mail**
Voters can request a one-time ballot-by-mail just for the General Election. Make this request on or before October 23 for the November 3 General Election.

If you'd like to vote by mail, complete and return the enclosed form or visit Arizona.Vote today. It's your source for trusted 2020 election information.

Sincerely,
Katie Hobbs
Secretary of State

Arizona.Vote



KATIE HOBBS
SECRETARY OF STATE

BALLOT-BY-MAIL & PERMANENT EARLY VOTING LIST REQUEST FORM

FORMULARIO DE SOLICITUD PARA LA BOLETA-POR-CORREO Y LA LISTA PERMANENTE DE VOTACIÓN TEMPRANA



Use this form: (1) to request a ballot-by-mail for the General Election; or (2) to be added to the Permanent Early Voting List (PEVL) and automatically receive a ballot-by-mail for every election. Complete, sign, and return this form by mail, fax, or email to your County Recorder (contact information: azsos.gov/county-election-info). Your request must be received by **5:00 p.m. on the 11th day before the election** to receive a ballot-by-mail for that election.

Use este formulario: (1) para solicitar una boleta-por-correo; o (2) para ser incluido en la Lista Permanente de Votación Temprana y recibir automáticamente una boleta-por-correo para cada elección. Llene, firme, y devuelva por correo, email, o fax este formulario al Registrador de su Condado (datos de contacto: azsos.gov/county-election-info). Para recibir una boleta-por-correo para una elección, el Registrador de su Condado debe recibir su solicitud **antes de las 5:00 p.m., 11 días antes del día de la elección**.

* Starred boxes are required. / Cajas con un asterisco son obligatorias.

*1 I am requesting a ballot for: / Estoy solicitando una boleta para:

Every Election. I authorize the County Recorder to include my name on the PEVL and automatically send me a ballot-by-mail for each election I am eligible for. **Todas las Elecciones.** Autorizo al Registrador del Condado a incluir mi nombre en la Lista Permanente de Votación Temprana y a enviarme automáticamente una boleta-por-correo para cada elección para la cual yo sea elegible.

General Election Only
Sólo para la Elección General

2 Date / Fecha

3 Phone Number / Número de Teléfono

*4 First and Last Name / Nombre y Apellido

5 Voter ID / Identificación de votante

*6 Residence Address / Domicilio Residencial

7 County of Residence / Condado de Domicilio

8 Mailing Address (if different from residence address) / Dirección Postal (si es diferente a su domicilio)

*9 Date of Birth / Fecha de Nacimiento

10 Email Address / Correo Electrónico

*11 Provide your place of birth, driver's license #, or last 4 digits of SSN
Proporcione su lugar de nacimiento, # de licencia, o los cuatros dígitos pasados de su # de seguridad social

12

Check this box if you request the County Recorder **change your residence and mailing address** on your registration record to the ones listed above. / Marque esta casilla si solicita al Registrador del Condado que **cambie su domicilio y dirección postal** en su registro electoral a los que están enumerados arriba.
Former address / Dirección anterior

Check this box if you request the County Recorder change your name on your registration record to the one listed above. / Marque esta casilla si usted solicita que el Registrador de su Condado cambie su nombre en su registro electoral por el que aparece arriba.
Former name / Nombre anterior

*13 By signing below, I swear or affirm that I am a registered voter in my county of residence and that the above information is true and correct. / Al firmar abajo, yo juro o afirmo que soy un votante registrado en mi condado de residencia y que la información anterior es verdadera y correcta.

X

To update your registration
Para actualizar su registro

Questions? / ¿Preguntas? 1-877-THE-VOTE or elections@azsos.gov

Source: SOS-provided document created by its contracted advertising agency.



Poll worker recruitment advertisements

The following are examples of poll worker recruitment advertisements the SOS purchased with private, nongovernmental grant monies.

Secretary Katie Hobbs
September 14 at 6:41 PM

Sign up to be a poll worker and help get ready for the General Election and run voting centers. Receive training and pay.



AZSOS.GOV
Election Day Poll Workers
Hiring election poll workers. [Learn More](#)

Secretary Katie Hobbs
September 14 at 6:41 PM

Democracy needs you. We're hiring poll workers to help Arizona during the 2020 Election season. Pay varies by county.



AZSOS.GOV
General Election Workers
Hiring election poll workers. [Learn More](#)

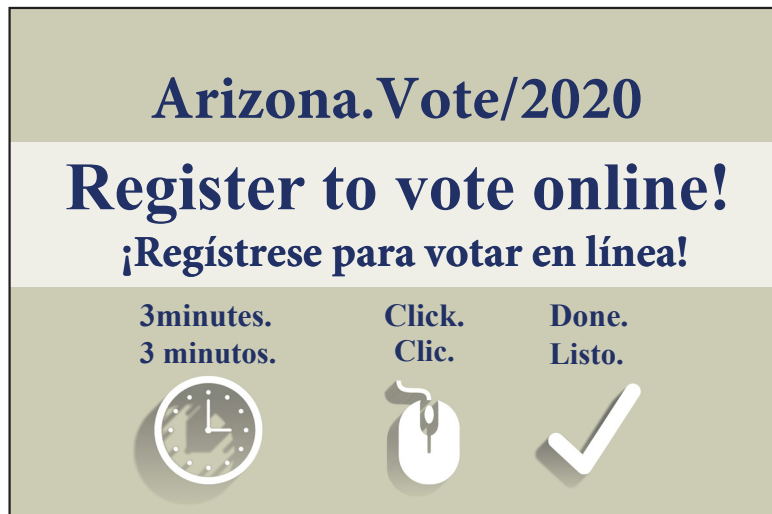
Source: SOS-provided document created by its contracted advertising agency.



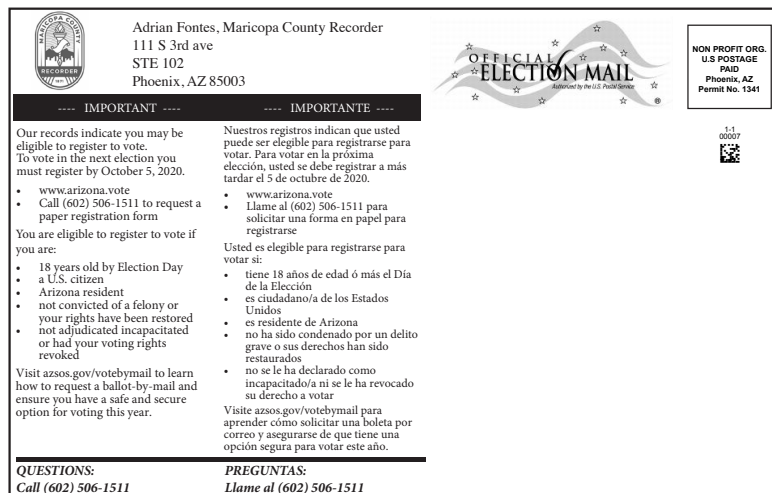
EBU voter postcard

The following is an example of a postcard sent to EBU voters to inform them that they may be eligible to vote and to provide information on how to register. The postcards also included a website address that provided information on how to request a ballot-by-mail. According to SOS data, the postcards were sent to a total of 1,430,503 EBU voters across all 15 Arizona counties.

Front



Back¹



¹ The reverse side of the postcard was specific to the county in which the EBU voter resided.

Source: SOS-provided document created by its contracted advertising agency.

Maricopa County voting system evaluation criteria and scores

The following are the RFP evaluation criteria and selection committee scores for Maricopa County's procurement of the voting system it used in the 2020 elections.

Table 8
Maricopa County voting system selection committee scores for bidders on voting system RFP
May 13, 2019
(Unaudited)

Criteria	Proposals received from bidders and their committee scores:		
	Dominion Voting Systems Score	Election Systems & Software Score	Clear Ballot Group Score
Respondent's written proposed solution/ compliance with specifications	806	675	656
<i>Proposer meets County contractor requirements</i>			
<i>Open source software features</i>			
<i>Supports County open data initiative</i>			
<i>Warranty</i>			
<i>Adjudication programs or applications</i>			
<i>Supports cryptographic hashing of system and election-related data and reports</i>			
Support services offered	563	542	454
<i>Installation plan</i>			
<i>Training and instruction</i>			
<i>Election-specific support</i>			
<i>Maintenance plan</i>			
Pilot program offered	580	480	280
<i>Pilot cost (shipping, installation, setup, and testing)</i>			
<i>Pilot installation plan</i>			
<i>Pilot training and instruction</i>			
<i>Pilot election support</i>			
Price	450	415	430
Total score	2,399	2,112	1,820

Source: Auditor General staff analysis of Maricopa County's voting system procurement records.

EAC Certification


The following is the EAC’s certificate of conformance for Dominion’s Democracy Suite 5.5-B voting system.



United States Election Assistance Commission

Certificate of Conformance

**Dominion Voting Systems
Democracy Suite 5.5-B**



The voting system identified on this certificate has been evaluated at an accredited voting system testing laboratory for conformance to the *Voluntary Voting System Guidelines Version 1.0 (VVSG 1.0)*. Components evaluated for this certification are detailed in the attached Scope of Certification document. This certificate applies only to the specific version and release of the product in its evaluated configuration. The evaluation has been verified by the EAC in accordance with the provisions of the *EAC Voting System Testing and Certification Program Manual* and the conclusions of the testing laboratory in the test report are consistent with the evidence adduced. This certificate is not an endorsement of the product by any agency of the U.S. Government and no warranty of the product is either expressed or implied.

Product Name: Democracy Suite

Model or Version: 5.5-B

Name of VSTL: Pro V&V

EAC Certification Number: DVS-DemSuite5.5-B

Date Issued: September 11, 2019



Executive Director
U.S. Election Assistance Commission
Scope of Certification Attached

Manufacturer: *Dominion Voting Systems (DVS)*
System Name: *Democracy Suite 5.5-B*
Certificate: *DVS-DemSuite5.5-B*

Laboratory: *Pro V&V*
Standard: *VVSG 1.0 (2005)*
Date: *September 11, 2019*



Scope of Certification

This document describes the scope of the validation and certification of the system defined above. Any use, configuration changes, revision changes, additions or subtractions from the described system are not included in this evaluation.

Significance of EAC Certification

An EAC certification is an official recognition that a voting system (in a specific configuration or configurations) has been tested to and has met an identified set of Federal voting system standards. An EAC certification is **not**:

- An endorsement of a Manufacturer, voting system, or any of the system's components.
- A Federal warranty of the voting system or any of its components.
- A determination that a voting system, when fielded, will be operated in a manner that meets all HAVA requirements.
- A substitute for State or local certification and testing.
- A determination that the system is ready for use in an election.
- A determination that any particular component of a certified system is itself certified for use outside the certified configuration.

Representation of EAC Certification

Manufacturers may not represent or imply that a voting system is certified unless it has received a Certificate of Conformance for that system. Statements regarding EAC certification in brochures, on Web sites, on displays, and in advertising/sales literature must be made solely in reference to specific systems. Any action by a Manufacturer to suggest EAC endorsement of its product or organization is strictly prohibited and may result in a Manufacturer's suspension or other action pursuant to Federal civil and criminal law.

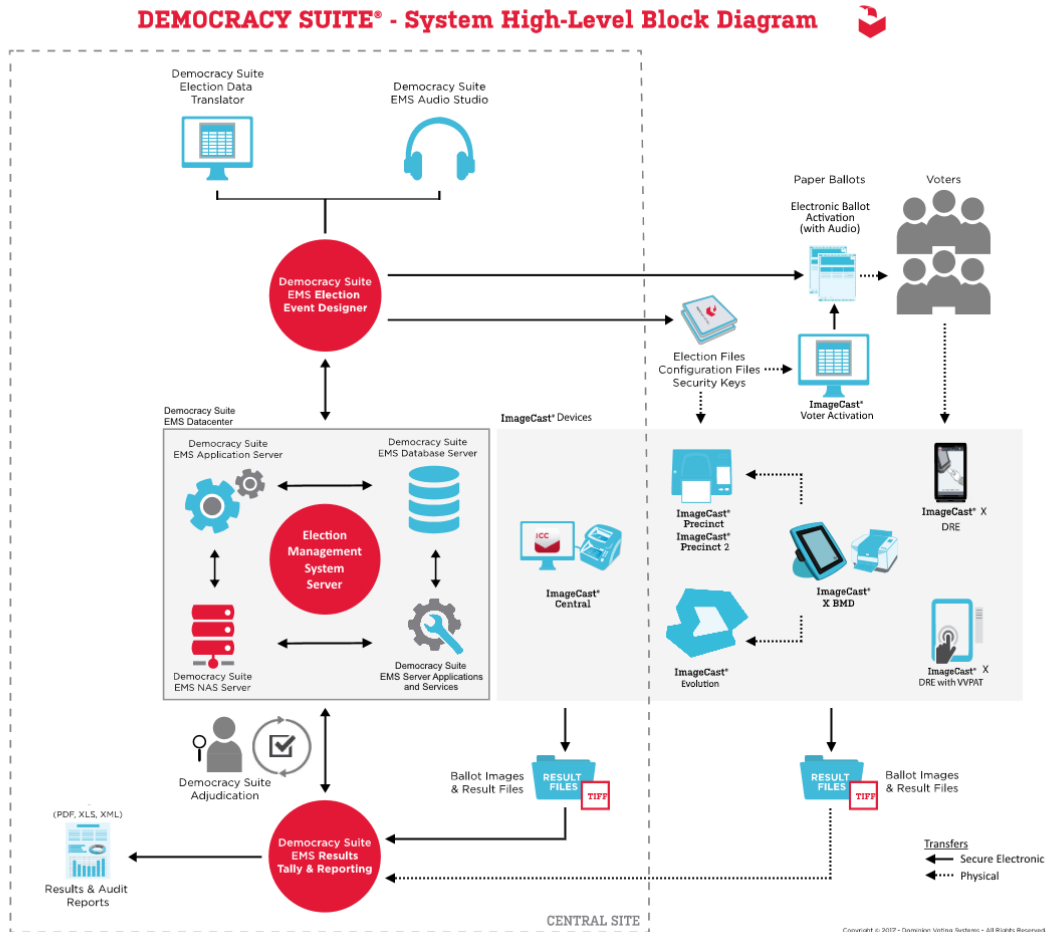
System Overview:

The D-Suite 5.5-B Voting System is a paper-based optical scan voting system with a hybrid paper/DRE option consisting of the following major components: The Election Management System (EMS), the ImageCast Central (ICC), the ImageCast Precinct (ICP and ICP2), the ImageCast Evolution (ICE), the ImageCast X (ICX) DRE w/ Reports Printer, ImageCast X (ICX) DRE w/ voter-verifiable paper audit trail (VVPAT), and the ImageCast X ballot marking device (BMD). The D-Suite 5.5-B Voting System configuration is a modification from the EAC approved D-Suite 5.5 system configuration.

Language capability:

System supports Alaska Native, Apache, Bengali, Chinese, English, Eskimo, Filipino, French, Hindi, Japanese, Jicarilla, Keres, Khmer, Korean, Navajo, Seminole, Spanish, Thai, Towa, Ute, Vietnamese, and Yuman.

Democracy Suite 5.5-B System Diagram



Components Included:

This section provides information describing the components and revision level of the primary components included in this Certification.

Voting System Software Components:

System Component	Software or Firmware Version	Operating System or COTS	Comments
EMS Election Event Designer (EED)	5.5.32.4	Windows 10 Pro	EMS
EMS Results Tally and Reporting (RTR)	5.5.32.4	Windows 10 Pro	EMS
EMS Application Server	5.5.32.4	Windows Server 2012 R2 Windows 10 Pro	EMS
EMS File System Service (FSS)	5.5.32.4	Window 10 Pro	EMS
EMS Audio Studio (AS)	5.5.32.4	Windows 10 Pro	EMS
EMS Data Center Manager (DCM)	5.5.32.4	Windows Server 2012 R2 Windows 10 Pro	EMS
EMS Election Data Translator (EDT)	5.5.32.4	Windows 10 Pro	EMS
ImageCast Voter Activation (ICVA)	5.5.32.4	Windows 10 Pro	EMS
EMS Adjudication (ADJ)	5.5.32.4	Windows 10 Pro	EMS
EMS Adjudication Services	5.5.32.4	Windows 10 Pro	EMS
Smart Card Helper Service (SCHS)	5.5.32.4	Windows 10 Pro	EMS
Election Firmware	5.5.31.1	uClinux	ICP
Firmware Updater	5.5.31.1	uClinux	ICP
Firmware Extractor	5.5.31.1	uClinux	ICP
Kernel (uClinux)	5.5.31.1	Modified COTS	ICP
Boot Loader (COLILO)	20040221	Modified COTS	ICP
Asymmetric Key Generator	5.5.31.1	uClinux	ICP
Asymmetric Key Exchange Utility	5.5.31.1	uClinux	ICP
Firmware Extractor (Technician Key)	5.5.31.1	uClinux	ICP
ICP2 Application	5.5.1.8	uClinux	ICP2
ICP2 Update Card	5.5.1.8	uClinux	ICP2
Voting Machine	5.5.6.5	Ubuntu Linux	ICE
Election Application	5.5.6.5	Ubuntu Linux	ICE
ImageCast Central Application	5.5.32.5	Windows 10 Pro	ICC
ICX Application	5.5.13.2	Android 5.1.1 (ICX Prime) Android 4.4.4 (ICX Classic)	ICX

Voting System Platform:

System Component	Version	Operating System or COTS	Comments
Microsoft Windows Server	2012 R2 Standard	Unmodified COTS	EMS Server SW Component
Microsoft Windows	10 Professional	Unmodified COTS	EMS Client/Server SW Component
.NET Framework	3.5	Unmodified COTS	EMS Client/Server SW Component
Microsoft Visual J#	2.0	Unmodified COTS	EMS Client/Server SW Component
Microsoft Visual C++ 2013 Redistributable	2013	Unmodified COTS	EMS Client/Server SW Component
Microsoft Visual C++ 2015 Redistributable	2015	Unmodified COTS	EMS Client/Server SW Component

System Component	Version	Operating System or COTS	Comments
Java Runtime Environment	7u80	Unmodified COTS	EMS Client/Server SW Component
Java Runtime Environment	8u144	Unmodified COTS	EMS Client/Server SW Component
Microsoft SQL Server 2016Standard	2016 Standard	Unmodified COTS	EMS Client/Server SW Component
Microsoft SQL Server 2016 Service Pack 1	2016 SP1	Unmodified COTS	EMS Client/Server SW Component
Microsoft SQL Server 2016 SP1 Express	2016 SP1	Unmodified COTS	EMS Client/Server SW Component
Cepstral Voices	6.2.3.801	Unmodified COTS	EMS Client/Server SW Component
Arial Narrow Fonts	2.37a	Unmodified COTS	EMS Client/Server SW Component
Maxim iButton Driver	4.05	Unmodified COTS	EMS Client/Server SW Component
Adobe Reader DC	AcrobatDC	Unmodified COTS	EMS Client/Server SW Component
Microsoft Access Database Engine	2010	Unmodified COTS	EMS Client/Server SW Component
Open XML SDK 2.0 for Microsoft Office	2.0	Unmodified COTS	EMS Client/Server SW Component
Infragistics NetAdvantage Win Forms 2011.1	2011 Vol. 1	Unmodified COTS	EMS SW Platform
Infragistics NetAdvantage WPF 2012.1	2012 Vol. 1	Unmodified COTS	EMS SW Platform
TX Text Control Library for .NET	16.0	Unmodified COTS	EMS SW Platform
SOX	14.3.1	Unmodified COTS	EMS SW Platform
NLog	1.0.0.505	Unmodified COTS	EMS SW Platform
iTextSharp	5.0.5	Unmodified COTS	EMS SW Platform
OpenSSL	1.0.2K	Unmodified COTS	EMS SW Platform
OpenSSL FIPS Object Module	2.0.14 (Cert 1747)	Unmodified COTS	EMS SW Platform
SQLite	1.0.103.0	Unmodified COTS	EMS SW Platform
Lame	3.99.4	Unmodified COTS	EMS SW Platform
Speex	1.0.4	Unmodified COTS	EMS SW Platform
Ghostsript	9.04	Unmodified COTS	EMS SW Platform
One Wire API for .NET	4.0.2.0	Unmodified COTS	EMS SW Platform
Avalon-framework-cvs-20020806	20020806	Unmodified COTS	EMS SW Platform
Batik	0.20-5	Unmodified COTS	EMS SW Platform
Fop	0.20-5	Unmodified COTS	EMS SW Platform
Microsoft Visual J# 2.0 Redistributable Package – Second Edition (x64)	2.0	Unmodified COTS	EMS SW Platform
Entity framework	6.1.3	Unmodified COTS	EMS SW Platform
Spreadsheetlight	3.4.3	Unmodified COTS	EMS SW Platform
Open XML SDK 2.0 for Microsoft Office	2.0.5022.0	Unmodified COTS	EMS SW Platform
Open SSL	1.0.2K	Unmodified COTS	ICP
OpenSSL FIPS Object Module	2.0.10 (Cert 1747)	Unmodified COTS	ICP
Zlib	1.2.3	Unmodified COTS	ICP
uClinux	20070130	Modified COTS	ICP
Kernel (Linux)	2.6.30.9-dvs-36	Modified COTS	ICE

System Component	Version	Operating System or COTS	Comments
U-Boot	1.3.4	Modified COTS	ICE
Google Text-to-Speech Engine	3.11.12	Unmodified COTS	ICX SW
Kernel	4.9.11	Modified COTS	ICP2
U-Boot	2017.03	Modified COTS	ICP2
Zxing Barcode Scanner	4.7.5	Modified COTS	ICX SW
SoundTouch	1.9.2	Modified COTS	ICX SW
ICX Prime Android 5.1.1 Image	0405	Modified COTS	ICX SW
ICX Classic Android 4.4.4 Image	0.0.98	Modified COTS	ICX SW
OpenSSL FIPS Object Module	2.0.10 (Cert 2473)	Unmodified COTS	ICX SW Build Library
OpenSSL	1.0.2K	Unmodified COTS	ICC SW Build Library
OpenSSL FIPS Object Module	2.0.10 (Cert 1747)	Unmodified COTS	ICC SW Build Library
1-Wire Driver (x86)	4.05	Unmodified COTS	ICC Runtime SW
1-Wire Driver (x64)	4.05	Unmodified COTS	ICC Runtime SW
Canon DR-G1130 TWAIN Driver	1.2 SP6	Unmodified COTS	ICC Runtime SW
Canon DR-G160II TWAIN Driver	1.2 SP6	Unmodified COTS	ICC Runtime SW
Canon DR-M260 TWAIN Driver,	1.1 SP2	Unmodified COTS	ICC Runtime SW
InoTec HiPro 821 TWAIN Driver	1.2.3.17	Unmodified COTS	ICC Runtime SW
Visual C++ 2013 Redistributable (x86)	12.0.30501	Unmodified COTS	ICC Runtime SW
Machine Configuration File (MCF)	5.5.12.1_20190510	Proprietary	ICX Configuration File
Device Configuration File (DCF)	5.5.31_20190423	Proprietary	ICP and ICC Configuration File
ICE Machine Behavior Settings	5.5.6.3 20190512	Proprietary	ICE Configuration
ICP2 Machine Behavior Settings	5.5.1.4 20190510	Proprietary	ICP2 Configuration

Hardware Components:

System Component	Hardware Version	Proprietary or COTS	Comments
ImageCast Precinct (ICP)	PCOS-320C	Proprietary	Precinct Scanner
ImageCast Precinct (ICP)	PCOS-320A	Proprietary	Precinct Scanner
ImageCast 2 Precinct (ICP2)	PCOS-330A	Proprietary	Precinct Scanner
ImageCast Evolution (ICE)	PCOS-410A	Proprietary	Precinct Scanner
ICP Ballot Box	BOX-330A	Proprietary	Ballot Box
ICP Ballot Box	BOX-340C	Proprietary	Ballot Box
ICP Ballot Box	BOX-341C	Proprietary	Ballot Box
ICP Ballot Box	ElectionSource IM-COLLAPSIBLE	Proprietary	Ballot Box
ICE Ballot Box	BOX-410A	Proprietary	Ballot Box
ICE Ballot Box	BOX-420A	Proprietary	Ballot Box
ICP2 Ballot Box	BOX-350A	Proprietary	Ballot Box
ICP2 Ballot Box	BOX-340C	Proprietary	Ballot Box
ICP2 Ballot Box	BOX-341C	Proprietary	Ballot Box
ICP2 Ballot Box	ElectionSource IM-COLLAPSIBLE	Proprietary	Ballot Box
ICX UPS Inline EMI Filter	1.0	Proprietary	EMI Filter
ICX Tablet (Classic)	aValue 15" Tablet (SID-15V)	COTS	Ballot Marking Device
ICX Tablet (Classic)	aValue 21" Tablet (SID-21V) (Steel or Aluminum chassis)	COTS	Ballot Marking Device
ICX Tablet (Prime)	aValue 21" Tablet (HID-21V) (Steel or Aluminum chassis)	COTS	Ballot Marking Device or Direct Recording Electronic
Thermal Printer	SII RP-D10	COTS	Report Printer

System Component	Hardware Version	Proprietary or COTS	Comments
Thermal Printer	KFI VRP3	COTS	Voter-verifiable paper audit trail (VVPAT)
Server	Dell PowerEdge R620	COTS	Standard Server
Server	Dell PowerEdge R630	COTS	Standard Server
Server	Dell PowerEdge R640	COTS	Standard Server
ICC Workstation HW	Dell OptiPlex 7440 All in One	COTS	
ICC Workstation HW	Dell OptiPlex 3050 All In One	COTS	
ICC Workstation HW	Dell OptiPlex 9030 All In One	COTS	
ICC Workstation HW	Dell OptiPlex 9020 All In One	COTS	
ICC Workstation HW	Dell OptiPlex 9010 All In One	COTS	
ICC Scanner	Canon imageFormula DR-G1130	COTS	Central Count Scanner
ICC Scanner	Canon imageFormula DR-M160II	COTS	Central Count Scanner
ICC Scanner	Canon imageFormula DR-M260	COTS	Central Count Scanner
ICC Scanner	InoTec HiPro 821	COTS	Central Count Scanner
ICC Scanner	Dell Optiplex 7050	COTS	
ICC Scanner	Dell 2418HT Monitor	COTS	
Client Workstation HW and Express Server	Dell Precision 3430	COTS	
Client Workstation HW and Express Server	Dell Precision 3431	COTS	
Client Workstation HW and Express Server	Dell Precision T3420	COTS	
Client Workstation HW	Dell Precision T1700	COTS	
Client Workstation HW	Dell Latitude 3400	COTS	
Client Workstation HW	Dell Latitude 3490	COTS	
Client Workstation HW	Dell Latitude E3480	COTS	
Client Workstation HW	Dell Latitude E3470	COTS	
Client Workstation HW	Dell Latitude E7450	COTS	
ICX Printer	HP LaserJet Pro Printer M402dn	COTS	
ICX Printer	HP LaserJet Pro Printer M402dne	COTS	
Monitor	Dell Monitor KM632	COTS	
Monitor	Dell Monitor P2414Hb	COTS	
Monitor	P2419H	COTS	
Monitor	P2417H	COTS	
Monitor	Dell Ultrasharp 24" Monitor U2414H	COTS	
CD/DVD Reader	Dell DVD Multi Recorder GP60NB60	COTS	
iButton Programmer	Maxim iButton Programmer DS9490R# with DS1402-RP8+	COTS	
UPS	Tripp Lite SMART1500RMXL2U	COTS	
UPS	APC SMT1500C Smart-UPS	COTS	
UPS	APC SMT1500 Smart-UPS	COTS	
UPS	APC BE600M1	COTS	
UPS	APC BR1000G	COTS	
Network Switch	Dell X1008	COTS	
Network Switch	Dell X1018	COTS	
Network Switch	Dell X1026	COTS	
Network Switch	Dell PowerConnect 2808	COTS	
Sip and Puff	Enabling Devices #972	COTS	
Headphones	Cyber Acoustics ACM-70 and ACM-70B	COTS	
4-way Joystick Controller	S26	Modified COTS	

System Component	Hardware Version	Proprietary or COTS	Comments
Rocker (Paddle) Switch	Enabling Device #971	COTS	
Rocker (Paddle) Switch	AbleNet 10033400 (2x)	COTS	
CF Card Reader	IOGEAR SDHC/microSDHC 0U51USC410	COTS	
CF Card Dual-Slot Reader	Lexar USB 3.0	COTS	
CF Card Reader	Hoodman Steel USB 3.0 102015	COTS	
CF Card Reader	Lexar Professional CFR1	COTS	
CF Card Reader	Kingston FCR-HS4	COTS	
ATI	ATI handset	Proprietary	
ATI	ATI-USB handset	Proprietary	
ACS PC-Linked Smart Card Reader	ACR38	COTS	
ACS PC-Linked Smart Card Reader	ACR39	COTS	

System Limitations

This table depicts the limits the system has been tested and certified to meet.

Characteristic	Limiting Component	Limit	Comment
Ballot positions	Ballot	292*/462**	Landscape Ballot: 240 candidates + 24 write-ins + 28 Yes/No choices.
Precincts in an election	EMS	1000; 250	Standard; Express
Contests in an election	EMS	1000; 250	Standard; Express
Candidates/Counters in an election	EMS	10000; 2500	Standard; Express
Candidates/Counters in a precinct	Ballot	240*/462**	Both
Candidates/Counters in a tabulator	Tabulator	10000; 2500	Standard; Express
Ballot Styles in an election	Tabulator	3000; 750	Standard; Express
Ballot IDs in a tabulator	Tabulator	200	Both
Contests in a ballot style	Ballot	38*/156**	Both
Candidates in a contest	Ballot	240*/231**	Both
Ballot styles in a precinct	Tabulator	5	Both
Number of political parties	Tabulator	30	Both
“vote for” in a contest	Ballot	24*/30**	Both
Supported languages in an election	Tabulator	5	Both
Number of write-ins	Ballot	24*/462**	Both

* Reflects the system limit for a ballot printed in landscape.

** Reflects the system limit for a ballot printed in portrait.

Functionality

2005 VVSG Supported Functionality Declaration

Feature/Characteristic	Yes/No	Comment
Voter Verified Paper Audit Trails		
VVPAT	YES	
Accessibility		
Forward Approach	YES	
Parallel (Side) Approach	YES	
Closed Primary		
Primary: Closed	YES	
Open Primary		
Primary: Open Standard (provide definition of how supported)	YES	
Primary: Open Blanket (provide definition of how supported)	YES	
Partisan & Non-Partisan:		
Partisan & Non-Partisan: Vote for 1 of N race	YES	
Partisan & Non-Partisan: Multi-member (“vote for N of M”) board races	YES	
Partisan & Non-Partisan: “vote for 1” race with a single candidate and write-in voting	YES	
Partisan & Non-Partisan “vote for 1” race with no declared candidates and write-in voting	YES	
Write-In Voting:		
Write-in Voting: System default is a voting position identified for write-ins.	YES	
Write-in Voting: Without selecting a write in position.	NO	
Write-in: With No Declared Candidates	YES	
Write-in: Identification of write-ins for resolution at central count	YES	
Primary Presidential Delegation Nominations & Slates:		
Primary Presidential Delegation Nominations: Displayed delegate slates for each presidential party	YES	
Slate & Group Voting: one selection votes the slate.	YES	
Ballot Rotation:		
Rotation of Names within an Office; define all supported rotation methods for location on the ballot and vote tabulation/reporting	YES	Equal time rotation
Straight Party Voting:		
Straight Party: A single selection for partisan races in a general election	YES	
Straight Party: Vote for each candidate individually	YES	
Straight Party: Modify straight party selections with crossover votes	YES	
Straight Party: A race without a candidate for one party	YES	
Straight Party: “N of M race (where “N”>1)	YES	
Straight Party: Excludes a partisan contest from the straight party selection	YES	

Feature/Characteristic	Yes/No	Comment
Cross-Party Endorsement:		
Cross party endorsements, multiple parties endorse one candidate.	YES	
Split Precincts:		
Split Precincts: Multiple ballot styles	YES	
Split Precincts: P & M system support splits with correct contests and ballot identification of each split	YES	
Split Precincts: DRE matches voter to all applicable races.	YES	
Split Precincts: Reporting of voter counts (# of voters) to the precinct split level; Reporting of vote totals is to the precinct level	YES	
Vote N of M:		
Vote for N of M: Counts each selected candidate, if the maximum is not exceeded.	YES	
Vote for N of M: Invalidates all candidates in an overvote (paper)	YES	
Recall Issues, with options:		
Recall Issues with Options: Simple Yes/No with separate race/election. (Vote Yes or No Question)	YES	
Recall Issues with Options: Retain is the first option, Replacement candidate for the second or more options (Vote 1 of M)	NO	
Recall Issues with Options: Two contests with access to a second contest conditional upon a specific vote in contest one. (Must vote Yes to vote in 2nd contest.)	NO	
Recall Issues with Options: Two contests with access to a second contest conditional upon any vote in contest one. (Must vote Yes to vote in 2nd contest.)	NO	
Cumulative Voting		
Cumulative Voting: Voters are permitted to cast, as many votes as there are seats to be filled for one or more candidates. Voters are not limited to giving only one vote to a candidate. Instead, they can put multiple votes on one or more candidate.	NO	
Ranked Order Voting		
Ranked Order Voting: Voters can write in a ranked vote.	NO	
Ranked Order Voting: A ballot stops being counting when all ranked choices have been eliminated	NO	
Ranked Order Voting: A ballot with a skipped rank counts the vote for the next rank.	NO	
Ranked Order Voting: Voters rank candidates in a contest in order of choice. A candidate receiving a majority of the first choice votes wins. If no candidate receives a majority of first choice votes, the last place candidate is deleted, each ballot cast for the deleted candidate counts for the second choice candidate listed on the ballot. The process of eliminating the last place candidate and recounting the ballots continues until one candidate receives a majority of the vote	NO	

Feature/Characteristic	Yes/No	Comment
Ranked Order Voting: A ballot with two choices ranked the same, stops being counted at the point of two similarly ranked choices.	NO	
Ranked Order Voting: The total number of votes for two or more candidates with the least votes is less than the votes of the candidate with the next highest number of votes, the candidates with the least votes are eliminated simultaneously and their votes transferred to the next-ranked continuing candidate.	NO	

Feature/Characteristic	Yes/No	Comment
Provisional or Challenged Ballots		
Provisional/Challenged Ballots: A voted provisional ballots is identified but not included in the tabulation, but can be added in the central count.	YES	
Provisional/Challenged Ballots: A voted provisional ballots is included in the tabulation, but is identified and can be subtracted in the central count	NO	
Provisional/Challenged Ballots: Provisional ballots maintain the secrecy of the ballot.	YES	
Overvotes (must support for specific type of voting system)		
Overvotes: P & M: Overvote invalidates the vote. Define how overvotes are counted.	YES	Overvotes cause a warning to the voter and can be configured to allow voter to override.
Overvotes: DRE: Prevented from or requires correction of overvoting.	YES	
Overvotes: If a system does not prevent overvotes, it must count them. Define how overvotes are counted.	YES	If allowed via voter override, overvotes are tallied separately.
Overvotes: DRE systems that provide a method to data enter absentee votes must account for overvotes.	N/A	
Undervotes		
Undervotes: System counts undervotes cast for accounting purposes	YES	
Blank Ballots		
Totally Blank Ballots: Any blank ballot alert is tested.	YES	Precinct voters receive a warning; both precinct and central scanners will warn on blank ballots.
Totally Blank Ballots: If blank ballots are not immediately processed, there must be a provision to recognize and accept them	YES	Blank ballots are flagged. These ballots can be manually examined and then be scanned and accepted as blank; or precinct voter can override and accept.
Totally Blank Ballots: If operators can access a blank ballot, there must be a provision for resolution.	YES	Operators can examine a blank ballot, re-mark if needed and allowed, and then re-scan it.
Networking		
Wide Area Network – Use of Modems	NO	
Wide Area Network – Use of Wireless	NO	

Feature/Characteristic	Yes/No	Comment
Local Area Network – Use of TCP/IP	YES	Client/server only
Local Area Network – Use of Infrared	NO	
Local Area Network – Use of Wireless	NO	
FIPS 140-2 validated cryptographic module	YES	
Used as (if applicable):		
Precinct counting device	YES	ImageCast Precinct
Central counting device	YES	ImageCast Central

Baseline Certification Engineering Change Orders (ECO)

ECO #	Component	Description
100503	ICP PCOS-320C & ICP PCOS-320A	Adding a COTS collapsible ballot box to AVL for use with the ICP
100521	Servers and Workstations	Added DELL P2419H monitor as a display device.
100527	EMS Workstations.	Added DELL Latitude 3490 computer with updated i3-8130U processor (Dual Core, 4MB Cache, 2.2GHz) to DVS PN 190-000061 (a client workstation).
100543	ICC Scanner	Update to the DR-G1130 Scanner LCD Panel User Interface.
100588	ICX Workstation	Added new models of VVPAT printer for use with the D-Suite ICX workstation due to previous model becoming commercially unavailable
100596	EMS Workstation	Added DELL Latitude 3400 computer as a client workstation due to the DELL Latitude 3490 computer becoming commercially unavailable for purchase
100597	EMS Server	Added DELL PowerEdge R640 computer with new processor and RAM as an AVL to the existing R640 server computer configurations
100602	EMS Server and Workstations	Added DELL Precision 3431 computer in an EMS Express Server and EMS Client Workstation configuration due to the DELL Precision 3430 computer becoming commercially unavailable for purchase
100603	ICC Scanner	Added DELL P2418HT monitor as a display device for ICC HiPro scanner workstation configuration due to the Lenovo 10QXPAR1US monitor becoming commercially unavailable for purchase

Source: https://www.eac.gov/sites/default/files/voting_system/files/DVS_5.5B_Certificate_Scope_Conformance.pdf, retrieved February 17, 2022.



Dominion contract equipment, services, and costs

The following are the equipment, services, and costs included in the contract between Maricopa County and Dominion for the voting system used in the 2020 elections.

Table 9
Maricopa County Dominion contract equipment, services, and costs
January 1, 2020 through December 31, 2022
(Unaudited)

Description of equipment or service	Quantity	Total cost
Precinct-based tabulators		
ImageCast Ballot Marking Device (BMD)	553	\$1,216,777
ImageCast Precinct	553	1,494,693
Central count tabulators		
G1130	5	86,625
High Speed Scanner (HSS)	4	507,276
Accessible marking -or- voting device		
ImageCast BMD Audio Tactile Interface	553	143,736
Election management hardware		
Standard Server	2	23,562
Client Workstation	4	4,713
Adjudication	20	23,566
Additional peripherals		
Privacy Screens	553	8,959
ImageCast BMD Transport Bag	553	47,978
ImageCast Precinct Adapter for use with Eagle Ballot Box	553	290,259
UPS	50	-
Consumable supplies		
Seals, etc.	1	6,930
Software		
Democracy Suite Light	1	121,275
Adjudication	1	103,950
Automated Test Deck	1	36,383
Remote Uniformed and Overseas Citizens Absentee Voting Act (UOCAVA)	1	34,650
Licenses		
ImageCast BMD	553	68,484
ImageCast Precinct	553	104,119
G1130	5	10,622
ImageCast HSS	4	33,990
Democracy Suite Light	1	28,875
Adjudication	1	24,750
Automated Test Deck	1	8,663
Remote UOCAVA	1	8,250

Table continued

Description of equipment or service	Quantity	Total cost
Warranty, including maintenance (acceptance testing, preventive maintenance, etc.)		
G1130	5	6,188
ImageCast BMD	553	70,673
ImageCast Precinct	553	61,516
ImageCast HSS	4	28,050
Support services (e.g. election cycle, off cycle, etc.), including training		
Includes Implementation, Training, Election Support	1	1,333,200
Total 3-year lease cost		\$5,938,712

Source: Auditor General staff analysis of Maricopa County contract with Dominion, as amended February 10, 2020.



Scope and methodology

The Arizona Auditor General has conducted this special audit of (1) financial and related information of private, nongovernmental grant monies used for Arizona's 2020 elections by the SOS, Maricopa County, and Pima County and (2) Maricopa County's procurement of a voting system as well as security and technical analysis pursuant to Laws 2021, Ch. 408, §54.

We used various methods to meet the report's objectives. These methods included reviewing statutes, rules, and applicable session laws; reviewing the SOS', Maricopa County's, and Pima County's websites; reviewing SOS-, Maricopa County-, and Pima County-provided documents, including policies and procedures, grant reports, and financial information; and interviewing SOS, Maricopa County, and Pima County elections management and staff. In addition, we used the following specific methods to meet the audit objectives:

- To determine what private, nongovernmental grant monies the SOS, Maricopa County, and Pima County received, we requested a list of such grants from each auditee and searched each auditee's general ledger for grants received for election purposes other than those received from the federal government or Arizona State government.
- To gain an understanding of the private, nongovernmental grantors and their grant programs, we reviewed CEIR's, ERIC's, CTCL's, and USC Schwarzenegger Institute's websites, interviewed CEIR and CTCL staff, and reviewed SOS, Maricopa County, and Pima County grant agreements and grant reports.
- To determine how the SOS spent private, nongovernmental grant monies, we examined AFIS; reviewed invoices and SOS-provided documents created by Lavidge, its contracted advertising agency. Additionally, we reviewed detailed payroll records for 8 of 41 individuals who received payments from private, nongovernmental grant monies.
- To determine how Maricopa County spent private, nongovernmental grant monies, we reviewed invoices for 11 of 49 nonpayroll transactions and detailed payroll records for 14 of 167 individuals who received payments from private, nongovernmental grant monies.
- To determine how Pima County spent private, nongovernmental grant monies, we reviewed invoices for 5 of 38 nonpayroll transactions and detailed payroll records for 44 of 354 individuals who received payments from private, nongovernmental grant monies.
- To determine whether Maricopa County complied with its procurement code when purchasing the voting system it used in the 2020 elections, we reviewed Maricopa County's procurement code; the RFP, vendor proposals, bid evaluation sheets, and other procurement documentation; and Board minutes.
- To determine the security and technical analysis performed on the voting system Maricopa County purchased for the 2020 elections, we reviewed:
 - The EAC's website, testing and certification program manuals, and Dominion voting system modification 5.5-B certification.
 - The SOS Equipment Certification Advisory Committee agenda and minutes, SOS list of State certified voting equipment, and SOS records of meeting notice.

- Maricopa County's records of stress test and pilot deployment results.
- To determine the contract terms for Maricopa County's purchase of the voting system it used in the 2020 elections, we examined the contract and the 2 contract amendments that occurred prior to the 2020 elections.
- To determine which other Arizona counties received private, nongovernmental grant monies from CTCL, we reviewed the CTCL website and confirmed the amounts with CTCL staff. To determine how other Arizona counties used CTCL grant monies, we obtained and reviewed the grant reports each county submitted to the CTCL.

We selected the previously indicated audit samples to provide sufficient evidence to support our conclusions. Unless otherwise noted, the results of our testing using these samples were not intended to be projected to the entire population.

We express our appreciation to the Secretary of State and her staff; Maricopa County Recorder and County staff; and Pima County Recorder, Elections Director, and County staff for their cooperation and assistance throughout the audit.

AUDITEE RESPONSES



KATIE HOBBS
SECRETARY OF STATE

March 25, 2022

Lindsey A. Perry, CPA, CFE
Auditor General
2910 N 44th St., Ste 410
Phoenix, AZ 85018-7271

Dear Auditor General Perry:

We have reviewed the special audit report of my office's financial and related activities associated with private, nongovernmental grant monies used for the 2020 elections. Overall, we think your report captures well the work my office undertook in 2020 to ensure that the public had accurate and timely information about the upcoming primary and general elections, as well as information regarding post-election ballot tabulation, certification, and the electoral college.

The report highlights the resources that are needed to inform the public ahead of, during, and after an election. In 2020, mis- and dis-information shared by candidates, campaigns, and via social media was rampant and confusion about voting during the pandemic only compounded the need for investments in election education. Congress made emergency funding available for states and local jurisdictions, but the legislature did not appropriate the funds, which is required in Arizona¹. A partnership with the Governor's Office allowed us to create a limited public education campaign for \$1.5 million², but when other grant funds were made available for public education for state elections' offices, we applied for and were awarded³ what we thought was needed to reach as many voters as possible.

As this report shows, our messages were broadcast and shared statewide, in multiple languages, using multiple forms of media, targeting all voters. The historic turnout in 2020 amid rampant mis- and dis-information as well as a raging public health crisis was reached in large part due to the widespread public education our office was able to do.

¹ Ariz. Rev. Stat. § 41-129("To the extent permitted by federal law, monies in the fund, other than state general fund monies, deposited each subsequent fiscal year are subject to legislative appropriation...). Arizona returned \$7,874,848 unused dollars to the federal government due to lack of appropriation by the legislature. The total amount available to the state, with match, should have been \$9,449,768.

² AZVoteSafe Program available at https://gn.ecivis.com/GO/gn_redir/T/u8gn9i2i88yd. See also Governor Ducey, Secretary Hobbs Announce \$9 Million Investment For Safe Elections Plan. (2020, July 2). Retrieved from <https://azsos.gov/about-office/media-center/press-releases/1201>.

³ The Center for Election Innovation & Research 2020 Voter Education Grant Program. Available at <https://electioninnovation.org/research/ceir-2020-voter-education-grant-program/>

We hope that this report helps demonstrate, to the legislature, the level of investment the state needs to make in voter education going forward, because all Arizonans deserve consistent access to trusted, credible, and accurate elections information directly from their election officials.

I appreciate your thoroughness and objective review of my office's use of these private grants. As I have stated all along, it was about providing timely and accurate information to eligible voters about how and when to vote safely and securely in 2020. It is imperative that we have the same opportunity to provide this information in 2022.

Sincerely,

A handwritten signature in blue ink, appearing to be 'KH', with a long horizontal flourish extending to the right.

Secretary Katie Hobbs
Arizona Secretary of State



Office of the Recorder
Maricopa County, Arizona

111 South Third Avenue
Phoenix, Arizona 85003-2281
Phone: (602) 506-3535
Fax: (602) 506-3273

County Recorder Stephen Richer

March 28, 2022

Ms. Lindsey Perry
Auditor General
Arizona Office of the Auditor General
2910 North 44th Street, Suite 410
Phoenix, AZ 85018

Dear Auditor General Perry,

Thank you for your office's review of: (1) Maricopa County's procurement and use of private grant money, and (2) Maricopa County's procurement of the Dominion voting system in 2019. As your report states, the County complied with all applicable laws.

1. Maricopa County's procurement and use of private grant money.

Maricopa County won two private grants in 2020—the Center for Tech and Civic Life (CTCL) grant for \$2,995,921 and the University of Southern California, Schwarzenegger Institute (USC) grant for \$41,857.

Maricopa County procured these grants openly, publicly, and lawfully. The County approved the CTCL grant in a public meeting on October 21, 2020 and the USC grant in a public meeting on November 18, 2020. No county resident protested or challenged the use of the lawfully acquired grants.

The County also used the grant funds lawfully. Of the \$1,892,971 spent, over half went to paying the thousands of temporary workers who staff various election functions. The second and third largest expenditures were election administration equipment and polling place rentals.

In August 2021, Maricopa County returned \$1,155,576 in unused funds to CTCL.

This information has already been shared through public records requests with multiple members of the media and multiple state legislators. Nonetheless, Maricopa County appreciates your thorough review of these grant funds and the detailed information included in your audit report.

The procurement of the grants, the use of the private grants, and the return of unused funds complied with all applicable laws.

2. Maricopa County's procurement of the Dominion Voting System

In 2019, Maricopa County began the public procurement process for new ballot-building and tabulation equipment. The county issued a request for proposals; the county received three competitive bids; the county enlisted a selection committee to review the bids, and the Board of Supervisors approved the chosen vendor in a public forum. At the time, no person contested the procurement process.

The procured equipment replaced tabulators that were over 20 years old. The procured equipment allowed for faster tabulation counts, as well as other enhancements.



Office of the Recorder
Maricopa County, Arizona

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County Recorder Stephen Richer

The county followed all applicable procurement laws.

The county used the exact same procured tabulators, without incident, in five elections prior to the 2020 General Election. Without incident, the County has continued to use Dominion tabulators in each of the four elections that have occurred since 2020.

Conclusion

I took office on January 4, 2020—after the procurement of both the private grants and the Dominion tabulation equipment. Accordingly, I have no personal interest in the reviewed items.

But facts are facts. The County followed all applicable laws both in the procurement of two private grants, the dispensation of the private grants, and the procurement of the Dominion tabulation equipment.

Your report concludes the same.

Thank you for the professionalism exhibited by your team throughout the process. We appreciated your use of recognized auditing methodologies, your insistence on sticking to verifiable facts, and the nature of your interactions with the County.

This is no surprise because your office is comprised of professional auditors with the applicable credentials and work experience.

I wish all reviews of the 2020 election could have been done in a similar manner, by similarly qualified professionals. Doing so would have saved Arizona taxpayers millions of dollars and would have increased confidence in local governance.

Thank you.

A handwritten signature in blue ink that reads "Stephen Richer". The signature is fluid and cursive, with a long horizontal stroke at the end.

Stephen Richer
Maricopa County Recorder



COUNTY ADMINISTRATOR'S OFFICE

PIMA COUNTY GOVERNMENTAL CENTER
115 N. CHURCH AVE., 2nd FLOOR, Suite 231, TUCSON, AZ 85701-1317
520-724-8661, FAX 520-724-8171

C.H. HUCKELBERRY
County Administrator

March 25, 2022

Lindsey A. Perry, Auditor General
Arizona Office of the Auditor General
2910 N. 44th St., Ste. 410
Phoenix, AZ 85018-7271

Re: **Special Audit of Pima County Financial and Related Information of Private,
Nongovernmental Grant Monies Used for Arizona's 2020 Elections**

Dear Ms. Perry:

Pima County appreciates the opportunity to respond to the Special Audit of the Auditor General, referenced above. Additionally, the County wishes to thank your staff for its robust communication and professionalism throughout the audit, which was statutorily required by the Arizona State Legislature pursuant to Laws 2021, Ch. 408, §54. Regarding Pima County, this session law directs that:

On or before March 31, 2022, the auditor general shall submit a report to the governor, the president of the senate and the speaker of the house of representatives on . . . the following: . . . 3) Private, nongovernmental grant monies received and expended by Pima County on programs and processes for the 2020 elections, including the purpose of the expenditures, the amount spent for personnel and employee-related expenses and any balance remaining unexpended on June 30, 2021.

The only private, nongovernmental grant monies received by Pima County in relation to the 2020 elections was from the Center for Tech and Civic Life (CTCL). On October 20, 2020, CTCL notified Pima County of a \$950,446 grant award. The letter stated the overall purpose of the award as follows: "The grant funds must be used exclusively for the public purpose of planning and operationalizing safe and secure election administration in Pima County in 2020." The CTCL grant award was accepted and approved by the Pima County Board of Supervisors at its public meeting on November 10, 2020.

Ms. Perry

Re: **Special Audit of Pima County Financial and Related Information of Private, Nongovernmental Grant Monies Used for Arizona's 2020 Elections**

March 25, 2022

Page 2

Pima County is pleased to note that there are no findings in the Special Audit relating to the County's full expenditure of the CTCL grant award. Pima County also notes that it submitted all funding reports timely to CTCL and that CTCL considers all County expenditures of the grant were in full compliance with grant agreement terms and conditions.

Sincerely,



Jan Lesher
Acting County Administrator
Pima County



Gabriella Cázares-Kelly
Recorder
Pima County

