

FEDERAL FINANCIAL REPORT

(Follow form instructions)

1. Federal Agency and Organizational Element to Which Report is Submitted ELECTION ASSISTANCE COMMISSION				2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment) ID20101001			
3. Recipient Organization (Name and complete address including Zip code) Secretary of State, Idaho 450 N 4th St, Boise, ID 837026027							
4a. DUNS Number	4b. EIN	5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment)		6. Report Type	7. Basis of Accounting		
				<input type="checkbox"/> Quarterly <input type="checkbox"/> Semi-Annual <input checked="" type="checkbox"/> Annual <input type="checkbox"/> Final	<input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual		
8. Project/Grant Period (Month, Day, Year) From: March 28, 2018				9. Reporting Period End Date (Month, Day, Year) September 30, 2020			
To: September 30, 2029							
10. Transactions					Cumulative		
<i>(Use lines a-c for single or combined multiple grant reporting)</i>							
Federal Cash (To report multiple grants separately, also use FFR Attachment):							
a. Cash Receipts					\$6,854,176.00		
b. Cash Disbursements					\$2,282,864.06		
c. Cash on Hand (line a minus b)					\$4,571,311.94		
<i>(Use lines d-o for single grant reporting)</i>							
Federal Expenditures and Unobligated Balance:							
d. Total Federal funds authorized					\$6,854,176.00		
e. Federal share of expenditures					\$2,282,864.06		
f. Federal share of unliquidated obligations					\$0.00		
g. Total Federal share (sum of lines e and f)					\$2,282,864.06		
h. Unobligated balance of Federal funds (line d minus g)					\$4,571,311.94		
Recipient Share:							
i. Total recipient share required					\$886,351.00		
j. Recipient share of expenditures					\$471,385.79		
k. Remaining recipient share to be provided (line i minus j)					\$414,965.21		
Program Income:							
l. Total Federal share of program income earned					\$125,029.49		
m. Program income expended in accordance with the deduction alternative					\$0.00		
n. Program income expended in accordance with the addition alternative					\$105,213.00		
o. Unexpended program income (line l minus line m and line n)					\$19,816.49		
11. Indirect Expense	a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged	f. Federal Share
	Final	10	October 1, 2019	September 30, 2020	\$36,848.54	\$3,684.85	\$0.00
g. Totals:					\$36,848.54	\$3,684.85	\$0.00
12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation: State Interest Earned - \$0.00 ; State Interest Expended - \$0.00 ; Program Income Earned - \$0.00 ; Program Income Expended - \$0.00							
13. Certification: By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and intent set forth in the award documents. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)							
a. Typed or Printed Name and Title of Authorized Certifying Official Houck, Chad Chief Deputy Secretary					c. Telephone (Area code, number, and extension)		
b. Signature of Authorized Certifying Official Houck, Chad					d. Email Address		
e. Date Report Submitted (Month, Day, Year) December 28, 2020							

Standard Form 425
OMB Approval Number: 4040-0014
Expiration Date: 02/28/2022

Paperwork Burden Statement

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is 4040-0014. Public reporting burden for this collection of information is estimated to average 1 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have comments concerning the accuracy of the time estimate(s) or suggestions for improving this form, please write to: US Department of Health & Human Services, OS/OCIO/PRA, 200 Independence Ave, SW, Suite 336-E, Washington DC 20201. Attention: PRA Reports Clearance Officer

FEDERAL FINANCIAL REPORT

(Additional Page)

Federal Agency & Organization : ELECTION ASSISTANCE COMMISSION

Federal Grant ID : ID20101001

Recipient Organization : Secretary of State, Idaho
450 N 4th St, Boise, ID 837026027

DUNS Number :

DUNS Status when Certified :

EIN : September 30, 2020

Reporting Period End Date :

Status :

Remarks :

Federal Agency Review

Reviewer Name :

Phone # :

Email :

Review Date :

Review Comments :

EAC Progress Report

Response ID:36 Data

1. Login

Please enter your userword and password to begin the Progress Narrative. If you require assistance or have any questions, please contact grants@eac.gov

2. Verification

3. EAC Progress Report

1. State or Territory:

Idaho

2. Grant Number:

ID2010100101

3. Report:

Annual (Oct 1 - Sept 30)

4. Grant:

Please select only one.

Election Security

5. Reporting Period Start Date

10/01/2019

6. Reporting Period End Date

09/30/2020

7. DUNS/UEI:

8. EIN:

9. Recipient Organization:

Organization Name

Idaho Secretary Of State

Street Address

700 W Jefferson St

City

Boise

State

ID

Zip

83702

4. Progress and Narrative

10. Describe in detail what happened during this reporting period and explain how you implemented the approved grant activities.

To ensure Idaho could safely hold in-person voting for the November General Election, the Secretary of State's office executed a complete and comprehensive overhaul of our critical election's infrastructure over the past 12 months. This included the retirement of the legacy Idaho Voter Registration System (Hewlett Packard, circa 2003), and the subsequent implementation of Tenex, a state-of-the-art Election Management System (EMS). The Tenex system utilized by the Secretary of State and the offices of all 44 Idaho County Clerks is comprised of the following software modules, which were in production prior to the November 3, 2020 Presidential Election:

1. Voter Central, which provides the Secretary's office and county election officials access to the statewide voter registration database.
2. Precinct and Locations (PAL), which defines and maintains the location of all precincts statewide.
3. Campaign Desk, which tracks the contributions and expenditure of Idaho based campaigns, candidates, and Political Action Committees (PAC's).
4. Streets and Districts, which defines streets and districts used by all 44 Idaho counties, and which is used to determine voter eligibility and the appropriate ballot styles for use in each polling location.
5. Election Setup, which is used by the counties to organize the district setup for each election.
6. Live Results or Election Night Reporting, which allows counties to post unofficial results on election night and permits the Secretary's office to post unofficial "aggregated" results once county results have been received. It is important to note this software also manages all the races, candidates, and issues related to a given election.
7. Security Management, which is an application that establishes and manages the access roles and permissions for each individual user at the county and state level.
8. Absentee, which provides county and state election officials the ability to track and process Absentee Ballots uniformly across the state. This module also allows individual voters to track the status of their Absentee Ballots, either reducing or eliminating the concern of ballot tampering.
9. Petitions, which provide county and state election officials the ability to validate voter signatures while tracking ballot issue totals, candidate qualifying purposes, and recall elections.
10. Letters and Labels, which is essentially a document warehouse provides counties and state election officials the ability to generate and manage letter templates and mailing labels.

Due to its very nature, the EMS system required a cybersecurity infrastructure that had the ability to repel attacks from malign actors, whether foreign or domestic. To accomplish this, the Secretary's office migrated all election related infrastructure into a secure Azure.gov environment. Systems migrated behind this secure cyber perimeter include:

1. All internal data, operating systems, databases, and business productivity software.
2. All websites, including sos.idaho.gov, sosbiz.idaho.gov and idahovotes.gov.
3. Test and Production instances of Tenex.

In addition to the cyber perimeter provided by Azure.gov, the Secretary's office purchased and implemented the following:

Hardware

1. Servers, which replace aging legacy hardware and expand the Secretary's computing capability with vulnerability scanning, tracking, and a ticketing system for election staff use in all 44 counties.
2. Network perimeter hardware, which allows the Secretary's office to stand up its own internet, thus reducing the target area for any potential cyber-attack.
3. A managed Palo Alto Firewall, which allows the Secretary's office to manage its own environment. Along with this capability, the Secretary's office also gains an external team dedicated to actively monitoring its systems for anomalous or malicious activity.

Software

1. PlexTrac, which is an application that provides the Secretary's office the ability to capture and aggregate internal and external county-level critical elections infrastructure security concerns.
 2. Tenable.SC, which is an application used by the Secretary's staff to identify, verify, and manage security patch improvements.
 3. Website and Tenex autoscaling, which allows virtual servers to scale up (and out) during times when transaction volumes are unusually high (e.g., new voter registrations).
 4. Akamai, which provides the Secretary's election team the ability to access internal and external systems and resources.
- In addition to these purchases, all of which serve to protect critical elections infrastructure, the Secretary and his IT staff have accomplished the following to enhance our cybersecurity perimeter.
1. Applied for and accepted into Microsoft's Defending Democracy program. The Microsoft cybersecurity engineers ran a detailed analysis of our architecture and security positioning and made recommendations for improvement (which were implemented, resulting in some of the purchases listed above).
 2. Brought the Secretary's staff up to CIS Level 01 benchmarks, providing standardized monitoring and several preventative security controls.
 3. Improved the Secretary's VOIP system, allowing the elections staff to monitor and manage incoming calls from county election officials and the general voting public.
 4. Applied for and accepted into the DHS/CISA Crossfeed program, which provides active security scanning against the Secretary's system.
 5. Applied for and accepted into the Idaho National Guard's Innovative Readiness Training (IRT) program, which provided the Secretary's office granular monitoring to actively identify system compromises.
 6. Working with the Microsoft Azure architects, the Secretary's IT staff implemented offsite and redundant Azure backups, which enable rapid recovery should system(s) fail due to a ransomware or other malicious attacks.

11. Provide a timeline and description of project activities funded to meet HAVA requirements. Provide an analysis of how such activities conform to the submitted State Plan or Program Narrative as applicable.

Included in detail above.

12. Describe any significant changes to your program during the course of the project, or if the project was implemented differently than described in your original State Plan or Program Narrative.

Otherwise enter - no significant changes during this period.

no significant changes during this period

13. Describe any favorable developments which enabled meeting time schedules and objectives sooner or at less cost than anticipated or producing more or different beneficial results than originally planned.

Otherwise enter N/A.

N/A

14. Report on the number and type of articles of voting equipment obtained with the funds. Include the amount expended on the expenditure table.

Otherwise enter - No articles of voting equipment purchased during this period.

The Secretary's policy regarding the 2020 HAVA Elections Security Grant is to prioritize county funding in the order of cybersecurity and elections technology improvements. Currently, under these grant guidelines, counties have purchased 492 Electronic Pollbooks, 45 Ballot-on-Demand printers, 415 Verity polling booths, 42 Express Voting terminals, and multiple high-speed ballot scanners and tabulator equipment.

15. Provide a description of any security training conducted and the number of participants.

Otherwise enter - no security training conducted during this period.

The Idaho Secretary of State hosted a one-day cybersecurity conference in Boise on January 9, 2020 for 158 county clerks, recorders, and supporting staff. Cybersecurity training began with three prominent county clerks and the Idaho Secretary of State's Chief Deputy presenting findings from the 2019 National Governors Association Policy Academy for Cybersecurity Workshop. Findings covered three main topics of developing a cyber readiness and evaluation plan, creating a comprehensive incident cyber response and disruption plan, and enacting Idaho legislation to protect critical elections infrastructure from a cybersecurity perspective.

The highlight of the conference included three hands-on circuit-training sessions. The first session was a two-hour cybersecurity resilience exercise that enabled participants to role play key leadership positions within government during a simulated cyber crisis. Participants were afforded the opportunity to make key decisions across a timeline and employ key resources to mitigate the threat and return the network to a secure environment. Mr. James Rollins, owner of Praxis Analytics and the creator of the exercise, facilitated the training along with 12 Boise State University Computer Science graduate and undergraduate students.

Mr. Maurice Turner from the Center for Democracy and Technology provided the second training session. He presented an overview of cybersecurity best practices and techniques to prevent, defeat or mitigate cyber threats. This session also afforded participants the opportunity to share their involvement and experiences during real-world cyber experiences during a crisis.

The final training session was hosted by a panel of cybersecurity guest speakers from the Idaho National Guard Cyber Protection Team, the Department of Homeland Security's Cybersecurity Infrastructure and Security Agency (CISA), Idaho Office of Emergency Management, Idaho Information Technology (IT) Services, Cloudflare, Boise State University's Computer Sciences Department, and the Multi-State Information and Sharing Analysis Center (MS-ISAC). The group of panel experts provided an overview of contemporary cyber threats to Idaho elections infrastructure and a detailed explanation of readily available cybersecurity protection services and software to mitigate risk in preparation for the 2020 elections season.

Overall, the Cybersecurity Conference was a tremendous success. Feedback from participants indicated a better appreciation for the severity of threats to election infrastructure and an improved understanding of how to best apply their HAVA 2020 Elections Security Grant funds to improve their cybersecurity posture. Funds have been budgeted for the next 4 years to continue the annual Cybersecurity Conference.

16. Subgrants (if applicable):

Describe how you made funds available to local jurisdictions.

Provide a description of the major categories of subgrant activities local voting districts will accomplish with the funds.

Otherwise enter N/A.

Over the last 6 months, the Chief Deputy and senior consultant visited all 44 Idaho counties to analyze specific county-level elections processes. The knowledge gained informed detailed discussions regarding the planning and execution of the HAVA 2020 Elections Security Grant and use of authorized elections-improvement funding under the 2020 CARES Act.

To protect the EMS capital and cybersecurity investments listed previously, the Secretary mandated counties to request network hygiene scanning services through the Department of Homeland Security. Of note, this mandate along with any mitigation requirements is a prerequisite to the Secretary's release of Federal Funding to any Idaho county under the HAVA 2020 Elections Security Grant.

The Department of Homeland Security's Cybersecurity Infrastructure and Security Agency (CISA) has been actively scanning Idaho counties public-facing websites since January 2020. Weekly scan reports provide county clerks and IT representatives

insight into known or potential cyber vulnerabilities and recommendations on how to mitigate. As a result, county officials are better informed on how to prioritize and utilize funding available under the 2020 HAVA Elections Security Grant.

17. Match (if applicable):

Describe how you are meeting the matching requirement.

Otherwise enter - match not required.

At years' end, the Secretary's office has met \$469,413.00 of its required match with \$416,938.00 remaining. The counties are projected to provide a cumulative total of \$300,000 prior to accessing allocated federal funding. The Secretary anticipates the remaining funds to be met using the 10% di minimus factor for the managing of the county funds by state funded personnel and state appropriated funds for election technology upgrades.

18. Issues Encountered:

Describe all major issues that arose during the implementation of the project and the reasons why established goals were not met, if appropriate. Address each issue separately in its own section, and describe whether and how the issues were resolved. Also, briefly discuss the implications of any unresolved issues or concerns.

Otherwise enter - no issues encountered.

no issues encountered

19. Upcoming Activities:

Provide a timeline and description of upcoming activities.

As mentioned in our original narrative, our office set aside \$500,000 to establish an election-auditing program. In October 2020, the Secretary contracted with Boise State University's Department of Computer Science to begin the program's development. The goal is to develop tools, practices, and policies to protect and enhance the integrity and security of Idaho elections. The original intent was for Boise State to start working towards a program that we could use in future elections. However, due to the unique circumstances of the November election caused by the pandemic, Boise State was utilized on Election day in our 'War Room' to assist with any issues that arose. They will also be developing and running a pilot program on election auditing utilizing data from the 2020 Presidential Election. Due to their early assistance, and accelerating for an immediate project goal, their first payment was paid from our HAVA CARES funds instead of HAVA Security as noted in our original narrative.

5. Expenditures

20. Current Period Amount Expended and Unliquidated Obligations

GRANT COST CATEGORIES

	Federal	Match
Voting Equipment:	\$100,000.00	\$309,890.79
Post-Election Auditing:	\$0.00	
Voter Registration Systems:	\$1,227,542.21	
Cyber Security:	\$137,578.47	
Communications:	\$55,989.65	
Total	\$1,599,750.10	\$309,890.79
Others - Subgrants (Equipment)	\$78,639.77	

OMB CONTROL NUMBER: 3265-0020

6. Certification

Name and Contact of the authorized certifying official of the recipient.

First Name

Kathy

Last Name

Abbott

Title

Financial Specialist

Phone Number

Email Address

Signature of Certifying Official:

Kathy Abbott

Signature of: Kathy Abbott

7. Report Submitted to EAC



Thank you, your progress report has been submitted to EAC. Please keep the PDF download of your submission as grant record.