

2022 HAVA Election Security Grant

State of Hawaii Program Narrative

The State of Hawaii has been awarded \$1,000,000 in 2022 HAVA Election Security grant funds. Hawaii is responsible to provide a 20% match, totaling \$200,000. States may use these funds to improve the administration of elections for Federal office, including to enhance election technology and make election security improvements.

The State of Hawaii, Office of Elections will be requesting and expending the funds. The 2022 HAVA Election Security grant funds will be used to maintain and expand on the matters noted below handled by the statewide voter registration system. Additionally, the funds will be used for the continued maintenance and security of the statewide voter registration system noted in State of Hawaii Program Narratives associated with the 2018 and 2020 HAVA Election Security grant funds, to the extent those earlier funds are fully expended.

Statewide Voter Registration System

As required by Section 303 of HAVA, the State is responsible for the development and management of the statewide voter registration system, which is "a single, uniform, official, centralized, interactive computerized statewide voter registration list." Section 303 lists a variety of requirements for the SVRS that must be met by the State.

The security of the system is critical in that it contains sensitive information, such as, but not limited to, driver license numbers, state identification card numbers, dates of birth, residence addresses, mailing addresses, telephone numbers, and email addresses for voters statewide. Additionally, elections have been designated critical infrastructure by the Department of Homeland Security under the Patriot Act. Critical infrastructure refers to "systems and assets, whether physical or virtual, so vital to the United States that the incapacity or destruction of such systems and assets would have a debilitating impact on security, national economic security, national public health or safety, or any combination of those matters." Section 1016(e) of the Patriot Act. The statewide voter registration system clearly meets that definition.

The SVRS is the linchpin for the running of our elections. For example, the system handles the following:

- (1) voter registration, including online voter registration;
- (2) absentee voting applications;
- (3) ballot production;

- (4) online ballot marking;
- (5) voter information portal;
- (6) determination of voter residences based on geographic information system (GIS) information in relation to ArcGIS maps;
- (7) utilization of GIS tools to create geocoded points associated with an address, modify an existing geocoded point, and move geocoded points in relation to precinct lines;
- (8) HR functions related to recruitment and payroll of election day officials;
- (9) candidate filing, including online candidate filing;
- (10) ballot production;
- (11) election mailings;
- (12) generating of unique bar codes associated with ballots being mailed out to voters;
- (13) receipt of ballots based on bar code on return envelopes and recording of rejection and acceptance reasons;
- (14) absentee ballot issuance and receipt reconciliation reports;
- (15) assigning voter credit after the receipt of ballots;
- (16) image repository for all critical voter registration documents required by federal law;
- (17) receipt of death list information from the Department of Health to update the statewide voter registration system;
- (18) interaction with the U.S. Social Security Administration through a web service to confirm the identity of applicants to vote who provide the last four digits of their SSN when registering to vote;
- (19) synchronization with driver license officials and their vendor to permit the statewide voter registration system to be electronically updated with any motor voter transactions involving a registered voter or a driver who wishes to register to vote, and
- (20) ability to interact with the driver license system through a web service to confirm the identity of applicants who provide a name, date of birth, and driver license or state identification card number.

The statewide voter registration system is housed on the Hawaii State Government Private Cloud and involves significant interactions between the Office of Elections and the Office of Enterprise Technology Services, as it relates to security and similar network matters. The system uses encryption, virtual private networks, next generation firewalls, and other cutting-edge security.

The Office of Elections administers the Statewide Voter Registration System. This system allows Hawaii residents to register to vote, update their information, request an absentee ballot, and view a sample of their ballot online. This system operates on a cloud environment that is managed by the state.

The prior 2018 HAVA Election Security grant funds were focused on improving software and hardware, augmenting staffing, and providing staff training

in relation to the current Statewide Voter Registration System. In contrast, 2020 HAVA Election Security grant funds were focused on the expansion and improvement of the Statewide Voter Registration System in regard to its interaction and coordination with other databases, consistent with federal law. The 2022 HAVA Election Security funds are meant to focus on maintaining and expanding on the matters noted above handled by the statewide voter registration system. Only in the event that the earlier 2018 and 2020 HAVA Election Security funds are expended will they be used for purposes consistent with those grants.

Given this, the State plans to contract with the statewide voter registration system vendor for additional services to maintain and expand upon the above noted matters handled by the statewide voter registration system. We have budgeted \$200,000 in Fiscal Year 2023 and \$200,000 annually thereafter for an additional four years to retain these services. The fiscal year for the State is from July 1st to June 30th.

State Match

Hawaii is required to provide a 20% match of \$200,000. This requirement will be met by making in-kind matches utilizing state funds.

Timeline

The state intends to draw down the entire amount of \$1,000,000 upon submittal of this narrative to the Election Assistance Commission. However, the monies will be expended over the course of the five-year budget period of this fund. The expenses and timeline are summarized in the table below for this narrative.

Activities Prior to the 2022 General Election

As provided for in the 2022 HAVA Election Security Grants submission guidelines, we have established this section to restate what activities will take place prior to the 2022 General Election and the amount associated with those activities. Taking into consideration the timing of when we expect to receive these funds and the need to contract with the statewide voter registration system vendor, we do not expect there to be any expenditures prior to the 2022 General Election. Instead, expenditures are expected to occur after the 2022 General Election.

Conclusion

Given the importance of the statewide voter registration system to the administration of elections, we see the expenditure of these funds toward that system as an important part of ensuring the integrity of our elections.

State of Hawaii, 2022 HAVA Election Security Grant Budget Timeline

Fiscal Year	Expense	Amount
	<i>Statewide Voter Registration System</i>	
2022-2023	Statewide Voter Registration System Vendor	\$200,000
2023-2024	Statewide Voter Registration System Vendor	\$200,000
2024-2025	Statewide Voter Registration System Vendor	\$200,000
2025-2026	Statewide Voter Registration System Vendor	\$200,000
2026-2027	Statewide Voter Registration System Vendor	\$200,000
Total		\$1,000,000

EAC HAVA GRANT - BUDGET WORKSHEET

GRANTEE NAME:		MATCH %:	20%
AWARD TYPE:	FORMULA	INDIRECT COST % (IF APPLIED):	10%
PROJECT PERIOD START DATE:	3/16/2022	INDIRECT COST TYPE:	De Minimis
PROJECT PERIOD END DATE:	Until Expended		

SECTION A: GRANT BUDGET	YEAR 1 - (e.g 2018 ES)	YEAR 2 - (e.g 2020 ES)	YEAR 3 - (e.g 2022 ES)	TOTAL:
FEDERAL AMOUNT	\$ 3,134,080.00	\$ 3,508,595.00	\$ 1,000,000.00	\$ 7,642,675.00
NON FEDERAL MATCH	\$ 156,704.00	\$ 701,719.00	\$ 200,000.00	\$ 1,058,423.00
TOTAL:	\$ 3,290,784.00	\$ 4,210,314.00	\$ 1,200,000.00	\$ 8,701,098.00

SECTION B: BUDGET CATEGORIES (Federal Only)	Voting Equipment	Voting Processes	Voter Registration Systems	Election Auditing	Cyber and Physical Security	Voter Education	Accessibility	Other (Provide description in this box)	Other (Provide description in this box)2	TOTALS	% Fed Total
PERSONNEL										\$ -	0%
FRINGE RELATED TO SALARY										\$ -	0%
EQUIPMENT	\$ 2,000,000.00		\$ 2,142,675.00		\$ 2,500,000.00					\$ 6,642,675.00	87%
TRAINING										\$ -	0%
CONTRACTUAL			\$ 1,000,000.00							\$ 1,000,000.00	13%
OTHER (Describe)										\$ -	0%
OTHER (Describe)										\$ -	0%
SUBGRANTS										\$ -	0%
TOTAL DIRECT COSTS										\$ -	0%
INDIRECT COSTS (if applied)										\$ -	0%
TOTAL PROGRAM BUDGET	\$ 2,000,000.00	\$ -	\$ 3,142,675.00	\$ -	\$ 2,500,000.00	\$ -	\$ -	\$ -	\$ -	\$ 7,642,675.00	100%
PERCENTAGE BY CATEGORY	26%	0%	41%	0%	33%	0%	0%	0%	0%		

SECTION C: NON FEDERAL MATCH RESOURCES			
SOURCE DESCRIPTION	STATE FUNDS	OTHER	TOTAL:
In-Kind Matches Using State Funds	\$ 294,155.50		\$ 294,155.50
De Minimis Indirect Rate 10% on MTDC	\$ 764,267.50		\$ 764,267.50
			\$ -
			\$ -
	\$ 1,058,423.00	\$ -	\$ 1,058,423.00