



**State of Delaware**

**Program and Budget Narrative  
2022 HAVA Elections Security Grants**

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**2022 Help America Vote Act (HAVA) Election Security Grant Program Narrative**  
**State of Delaware, Commissioner of Elections**  
**Notice of Grant Award EAC-ELSEC18DE**

The State of Delaware has greatly benefited from the ongoing support provided by the Help America Vote Act (HAVA) Grant Program since its inception. With election security and public confidence in elections remaining a paramount concern nationwide, the State of Delaware seeks to utilize the HAVA grant funds (1,000,000), under Notice of Award DE20101001, together with the State Match Share (\$200,000) to continue the progress made, under the initial HAVA Grant Program, to improve the administration of elections for Federal office.

Specifically, our program narrative and budget for the 2022 HAVA Election Security Grant will be apportioned in the following categories:

1. Ongoing Evaluation of and Enhancements to Physical Security at the Department of Elections Facilities
2. Ongoing Evaluation of and Enhancements to Elections Cybersecurity Measures Regarding Elections Data (e.g., Voter Registration System)
3. Ongoing Evaluation of and Enhancements to Security of Voting Equipment

**Enhancements to Physical Security at Department of Elections Facilities**

The Department realizes the importance of addressing the physical security arrangements in our offices, and the anticipated spend is approximately \$500,000 of both HAVA funding and required state match. This topic had been initially discussed in the context of the Department's participation as a member of a cross-agency task force of local, state, and federal agencies focused on elections security, convened under the auspices of the State's Department of Safety and Homeland Security. Under the charge of this committee, a comprehensive security analysis was undertaken by Delaware State Police and Delaware Capitol Police (the agency charged with protection of the State Capitol and other key State facilities, in partnership with respective local police agencies). This study identified a host of security enhancements to be undertaken. These include a comprehensive network of internal and external security cameras and the monitoring and storage hardware and software to manage this system, a greatly expanded security access badge system, as well as physical security enhancements to Department facilities.

The security cameras provide coverage to reception/public areas of the offices, as well as areas where absentee and vote by mail ballots are prepared for mailing out, as well as where they are processed and prepared for tabulation upon return. The badge access systems also provide trackable records of access to facilities, both general access as well as access to more highly secured areas such as ballot preparation and return facilities.

Physical security enhancements made to the reception areas off facilities include installation of permanent and impenetrable banners in reception areas to protect staff from physical threats or breaches, as well as potential health threats.

### **Cybersecurity Enhancements**

The following cybersecurity enhancements and risk mitigation efforts are underway, and the anticipated spend is approximately \$600,000 of both HAVA and required state match:

- **Elections Web Shielding/Web Protection:** Procure website protection and shielding services for each of the state's internet facing websites. These sites are used for voter registration, electronic ballot markings and elections reporting. Through the last presidential elections and the interim elections after that. The State of Delaware has experienced a steady increase in web attacks against its elections related websites. SQL injections and other such attacks are constantly being directed at our internet facing sites. This service will provide continuous vulnerability detection for those sites, web application firewall functionality and around the clock monitoring of attacks against those sites; 12 sites through the next election cycle.
- **Elections Security Incident and Event Management (SIEM)/Central Log Management with Security Monitoring:** The solutions associated with the State's abilities to deliver elections-related services to voters create a significant amount of log data. This data includes Active Directory authentication logs, Endpoint security (CrowdStrike system) logs, mainframe system logs, intrusion prevention and detection logs, and other associated web application activity logs. Managing this volume of logging activity, while essential, is overwhelming the states capacity. As such, only 90 days of such logs have been able to be maintained for elections-related systems. However, the threat potential identified and to be addressed (various cyberattack vectors may extend over an entire two- or four-year election cycle, with attackers trying to break-in and wait to leverage the break-in during the elections season. Expanded timeframes for monitoring and assessing such threats provide superior levels of protection for voters.
- **Citizen Identity Proofing and Protection/Identity Management:** Most state election systems use information about the citizen to confirm their identity for voter registration, voter information updates and for even electronic and absentee ballot request validation. With recent compromises of organizations like Equifax and other major citizen information management organizations, citizen information is now readily on the dark web. These funds will assist the State to implement a more effective way to validate the identity of people accessing its elections systems electronically. An identity proofing solution will be implemented that can allow citizens/voters to take a picture of their government approved photo ID, then a picture of their face for the comparison between the two and the validation of that identity will endure a higher level of confidence in the identity of the person accessing elections-related systems. This effort seeks will further enhance the public's confidence when accessing elections resources electronically, and to ensure the highest levels of security possible.

### **Security of Voting Equipment**

Funds from the HAVA grant have been utilized to carry out provisions in place to work in collaboration with the State's Department of Technology and Information (DTI) to engage the Delaware National Guard (DNG) to undertake a comprehensive security review of the security of Delaware's voting equipment. Cybersecurity experts from DNG have reviewed and continue to review voting equipment and related systems to determine if the most effective and robust security protocols and provisions in place and have made recommendations for continued enhancements to system security to ensure the

highest level of safeguards are in place for all components for the State's voting system. The cost for this has been approximately \$100,000 of both HAVA and required state match.

### **State Match**

The State of Delaware plans to secure the required \$200,000 state match with cash prior to the March 16, 2024, deadline.

### **Activities Prior to the 2022 Election**

Funds from the HAVA grant have been utilized prior to the 2020 Election to by using our 2018 funding and state match to purchase a new voting system including new voter registration system, electronic pollbooks, and voting machines (this was laid out in our 2018 HAVA Narrative). Prior to the 2020 Election we utilized the 2020 HAVA funding and state match to make enhancements to the physical security at the Department of Elections Facilities, cybersecurity enhancements, and security enhancements for the state's voting system as previously laid out in this plan. The State will continue to work diligently with strategic partners named earlier to continue undertake testing (in partnership with DNG), address and issues identified, and to continue the development (in partnership with DTI) of elections services within the State's enhanced shared resident portal that will utilize the most robust identity proofing and security measures, while still providing ease of access and convenience for voters.

**EAC HAVA GRANT - BUDGET WORKSHEET**

<b>GRANTEE NAME:</b>	STATE OF DELAWARE COMMISSIONER OF ELECTIONS	
<b>AWARD TYPE:</b>	FORMULA	<b>MATCH %:</b>
<b>PROJECT PERIOD START DATE:</b>	3/16/2022	<b>INDIRECT COST % (IF APPLIED):</b>
<b>PROJECT PERIOD END DATE:</b>		<b>INDIRECT COST TYPE:</b>

SECTION A: GRANT BUDGET	YEAR ONE	YEAR TWO	YEAR THREE	TOTAL:
FEDERAL AMOUNT	\$ 3,000,000.00	\$ 3,036,503.00	\$ 1,000,000.00	\$ 7,036,503.00
NON FEDERAL MATCH	\$ 150,000.00	\$ 607,301.00	\$ 200,000.00	\$ 957,301.00
<b>TOTAL:</b>	<b>\$ 3,150,000.00</b>	<b>\$ 3,643,804.00</b>	<b>\$ 1,200,000.00</b>	<b>\$ 7,993,804.00</b>

SECTION B: BUDGET CATEGORIES (Federal Only)	Voting Equipment	Voting Processes	Voter Registration Systems	Election Auditing	Cyber and Physical Security	Voter Education	Accessibility	Other (Communications)	Other (See detail below)	TOTALS	% Fed Total
PERSONNEL										\$ -	0%
FRINGE RELATED TO SALARY										\$ -	0%
EQUIPMENT	\$ 1,342,010.12		\$ 3,000,000.00		\$ 1,500,000.00					\$ 5,842,010.12	83%
TRAINING										\$ -	0%
CONTRACTUAL					\$ 763,614.07					\$ 763,614.07	11%
OTHER (Describe)								\$ 151,279.55		\$ 151,279.55	2%
OTHER (Describe)									\$ 279,599.26	\$ 279,599.26	4%
SUBGRANTS										\$ -	0%
TOTAL DIRECT COSTS	\$ 1,342,010.12	\$ -	\$ 3,000,000.00	\$ -	\$ 2,263,614.07	\$ -	\$ -	\$ 151,279.55	\$ 279,599.26	\$ 7,036,503.00	100%
INDIRECT COSTS (if applied)										\$ -	0%
<b>TOTAL PROGRAM BUDGET</b>	<b>\$ 1,342,010.12</b>	<b>\$ -</b>	<b>\$ 3,000,000.00</b>	<b>\$ -</b>	<b>\$ 2,263,614.07</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 151,279.55</b>	<b>\$ 279,599.26</b>	<b>\$ 7,036,503.00</b>	<b>100%</b>
<b>PERCENTAGE BY CATEGORY</b>	19%	0%	43%	0%	32%	0%	0%	2%	8%		

SECTION C: NON FEDERAL MATCH RESOURCES	STATE FUNDS	OTHER	TOTAL:
2018 State Budget	\$ 9,999,999.99		\$ 9,999,999.99
2020 State Budget	\$ 168,932.00		\$ 168,932.00
2022 State Budget	\$ 200,000.00		\$ 200,000.00
			\$ -
	\$ 10,368,931.99	\$ -	\$ 10,368,931.99

We have provided more match than required on our 2018 funds.