

The State of Connecticut will be receiving an award of \$5,120,554 to assist us in improving the administration of elections for federal office, enhancing election technology, and making election security improvements.

State Match Requirement: We will be securing the required 5% match of \$256,027 as follows: We have expended \$91,833 (April 10 and June 30, 2018) for hardware maintenance of our accessible voting system and a contracted expenditure of \$99,360.00 to be completed between June and December of 2018 for a cybersecurity upgrade to our centralized voter registration system for our local election officials. The remainder of \$64,834.00 will be expended in subsequent years before the required deadline.

We are proposing additional voting equipment, security enhancements to address cyber vulnerabilities, enhancements to post-election audits, improvements to voter registration systems and management, enhanced security training of officials, and improvements to voting accessibility.

With respect to voting equipment replacement and upgrades, given the useful life of our Accu-Vote Optical Scan tabulators with paper trail (purchased in 2006,) and specifically certain components of the optical scan tabulator, we are proposing the purchase of 169 additional optical scan tabulators to replenish the supply of machines in the field and to hold as inventory should any of the towns experience a failure in their machines. The Accu-Vote tabulator we use in Connecticut has not been manufactured since 2007, but there is a supply of used machines on the market. We are estimating the cost of that to be 1,166,000.

With respect to election security improvements, we are proposing comprehensive cybersecurity training for all local election officials. We will be utilizing the same online training classes that the state requires of its employees. We are estimating that cost to be \$10,000. In addition, we are developing online modules for the training and certification of registrars of voters, including a cybersecurity module and enhanced classroom modules. We are estimating that cost to be \$200,000.

We are addressing any possible cyber vulnerabilities in the centralized voter registration database, the online voter registration, and the election management system with enhanced password protection, including two-factor authentication for a projected amount of \$1,892,554 as follows: Application development is estimated to be \$200,000. We will also conduct a review of all town network connections to ensure they meet the required capacity for a new desktop infrastructure and implement upgrades that will allow the Secretary of the State's Office to extend control to the town endpoints. The virtual desktop infrastructure and town network upgrades is estimated to cost \$1,092,554. We plan to hire a full-time cybersecurity consultant for a period of four years to evaluate our security posture as it relates to all best practices and federal guidelines. In addition, this resource will be charged with the development of our incident response plan as well as all other required documentation. We are allocating \$600,000 in total for the four year period for the consultant costs.

Because of the highly decentralized nature of local election administration in Connecticut, we have proposed hiring a trainer to travel to perform regional training for the Election Management System and the Centralized Voter Registration System at an expected cost of \$95,000.

We will conduct a forensic audit of all our election vendors, including PCC Technologies, LHS Associates, Adkins Printing, and IVS LLC. We are estimating those four audits to cost \$200,000.

We will be contracting with regional election monitors to facilitate robust post-election audits, compliance with federal and state election laws, and to ensure that cybersecurity measures are in place at the local level. We are allocating \$145,000 for this enhancement.

We are developing online videos for our web site for voters with disabilities to review the accessible ballot marking voting systems, and for users of the online voter registration, in order to assist us in improving the administration of elections for federal office, at a cost of \$75,000.

We will provide for three years of hardware maintenance to assist in providing a secure ballot marking system for voters with disabilities at a cost of \$660,000.

We are proposing to assist small towns with grant funding to replace outdated unsecure workstations at an estimated cost of \$200,000. We will be providing an additional grant in the amount of \$37,000 to the State Elections Enforcement Commission for an equipment and software upgrade of their network infrastructure to secure the points of entry and the perimeter.

We will provide funding to the Center for Voting Technology Research at UConn to ensure there is a continued resource dedicated to resolving any security issues associated with our voting systems, including the optical scan tabulators, and to provide recommendations regarding the security of any implementation of electronic poll books at a cost of \$440,000.

2018 HAVA ELECTION SECURITY GRANT

Budget Information

CFDA # 90.404

Non-Construction Program

Name of Organization: Office of the Secretary of the State of Connecticut

Budget Period Start: 3/23/2018

SECTION A - BUDGET SUMMARY

(Consolidated Budget for total project term-- up to 5 years as defined by grantee)

Budget Period End: 3/23/2022

FEDERAL & NON-FEDERAL FUNDS (Match)

PROGRAM CATEGORIES

| BUDGET CATEGORIES | (a) Voting Equipment | (b) Election Auditing | (c) Voter Registration Systems | (d) Cyber Security | (e) Communications | | | TOTALS | % Fed Total |
|---|----------------------|-----------------------|--------------------------------|--------------------|--------------------|------|------|-----------------|-------------|
| 1. PERSONNEL (including fringe) | | | \$ - | \$ - | | | | \$ - | 0% |
| 2. EQUIPMENT | \$ 1,166,000.00 | \$ 440,000.00 | | \$ - | | | | \$ 1,606,000.00 | 31% |
| 3. SUBGRANTS- to local voting jurisdictions | | | \$ - | \$ 237,000.00 | | | | \$ 237,000.00 | 5% |
| 4. TRAINING | | \$ 145,000.00 | \$ 200,000.00 | \$ 10,000.00 | \$ 75,000.00 | | | \$ 430,000.00 | 8% |
| 5. All OTHER COSTS | \$ 660,000.00 | \$ 200,000.00 | \$ 95,000.00 | \$ 1,892,554.00 | \$ - | | \$ - | \$ 2,847,554.00 | 56% |
| 6. TOTAL DIRECT COSTS (1-6) | \$ 1,826,000.00 | \$ 785,000.00 | \$ 295,000.00 | \$ 2,139,554.00 | \$ 75,000.00 | \$ - | \$ - | \$ 5,120,554.00 | |
| 7. INDIRECT COSTS (if applied) | | | | | | | | \$ - | 0% |
| 8. Total Federal Budget | \$ 1,826,000.00 | \$ 785,000.00 | \$ 295,000.00 | \$ 2,139,554.00 | \$ 75,000.00 | \$ - | \$ - | \$ 5,120,554.00 | |
| 11. Non-Federal Match | \$ 91,833.00 | | \$ 164,194.00 | | | | | \$ 256,027.00 | |
| 12. Total Program Budget | \$ 1,917,833.00 | \$ 785,000.00 | \$ 459,194.00 | \$ 2,139,554.00 | \$ 75,000.00 | \$ - | \$ - | \$ 5,376,581.00 | |
| 13. Percentage By Category | 36% | 15% | 6% | 42% | 1% | 0% | 0% | | |

Proposed State Match 5.0%

A. Do you have an Indirect Cost Rate Agreement approved by the Federal government or some other non-federal entity?

If yes, please provide the following information:

B. Period Covered by the Indirect Cost Rate Agreement (mm/dd/yyyy-mm/dd/yyyy):

C. Approving Federal agency:

D. If other than Federal agency, please specify:

E. The Indirect Cost Rate is: