

VENDOR APPLICATION FOR VOTING SYSTEM CERTIFICATION

Vendor Name: Clear Ballot Group

Vendor Address: 2 Oliver St, Floor 2, Boston, Massachusetts 02109

Name and Telephone Number of Technical Support: Afua Twumasi-Ankrah (512) 988 8056

Name of the System: (include version numbers/release numbers): ClearVote 1.5

**Type of System (i.e., DRE, Optical Scan, etc.):
(Provide a brief description of how it functions)**

ClearVote 1.5 is an optical scan voting system with ballot marking device and an upgrade of the already certified versions of ClearVote in the state of Washington. With the ClearVote system, every voter ends the process with a paper ballot. The entire documentation package for the ClearVote system, including Change Notes, as well as documentation for its components and all third party (COTS) components is en route to your offices on a secure USB via express courier.

The ClearVote 1.5 system comprises three components:

ClearDesign 1.5.1 – ClearDesign is the ballot layout software in the ClearVote system. It runs on Linux and allows for a server-client architecture. ClearDesign allows for the import of jurisdiction information such as geographic data, ballot text, and business logic rules (such as vote for n). ClearDesign allows the jurisdiction to rapidly try different layout parameters such as varying the number of columns on the ballot, ballot length, etc. to obtain an optimal layout. Languages and associated text are easily produced or imported. ClearDesign has over 70 proofing reports to aid the jurisdiction in assuring the quality of the finished ballot. ClearDesign then exports digitally signed pdf packages for the ballot printer as well as machine programming files for ClearAccess and ClearCount.

ClearAccess 1.5 – The ClearAccess solution runs on a COTS touchscreen computer. The voter can privately and independently indicate his or her choices on the touchscreen, review the selections, make corrections as necessary, print a machine-marked ballot, and cast it into a ballot box. The ClearAccess software logs all transactions without compromising voter privacy and stores no results data because its output is a marked paper ballot.

ClearCount 1.7.1 – ClearCount is the heart of the ClearVote system and provides for central ballot scanning, results reporting, and adjudication/write-in resolution. ClearCount runs on a closed, isolated Ethernet network in which a ScanServer running Linux is attached to one or more scanners. Each scanner is attached via USB to a ScanStation computer. Additional computers (Election Administration Stations) can be attached to the network and used to obtain operational reports before polls close and results reports after polls close. There are several native reports available from ClearCount; and an additional reporting tool in ClearCount allows for custom

reports to be defined and generated as needed. Ballots can be adjudicated through ClearCount. Additional Election Administration Stations are attached to the closed network for adjudication.

The *System Configuration and Overview Guide* for each system component provides a high-level description of that portion of the ClearVote system. These documents are included on the secure USB en route to your offices.

What functions do you want to certify in the State of Washington? (Provide electronic copies of operating and maintenance manuals, training materials, technical and operational specifications, etc.

Clear Ballot wishes to certify the following:

- ClearDesign: jurisdiction import, ballot layout and proofing, machine programming
- ClearAccess: ballot display, marking, and accessible voting
- ClearCount: high speed scanning and scan management, results reporting, adjudication including write-in adjudication

The full TDP for each component product along with System Change Notes is being sent along with a hard copy of this Application to the Office of the Secretary of State on a secure USB.

Is this a modification of a system currently certified with Washington State? Yes

If so, provide a brief description of the extent of the changes as well as a list that describes in complete operational and technical detail all differences between the originally certified equipment or system and the modified equipment or system.

Please see the attached Change Notes manual for a complete list of that describes the differences in operational and technical capabilities between the originally certified system and the enhanced system.

Is the system certified or used in other states? (Which states?). No

ClearVote 1.5 is nearing the end of its federal testing and certification campaign. We anticipate a Test Report from the lab before the close of November and anticipate a Certificate from the EAC before End of Year (2018).

Does the system comply with Washington state law, including the ability to handle Washington's "split precincts"?

Clear Ballot staff members have reviewed WAC 434-335 and RCW 29A.04 and 29A.12 as well as other sections of Washington statute and Rule to confirm that ClearVote complies with Washington state law including the ability to program and report split precincts.