STATE OF WASHINGTON
Office of the Secretary of
State Voting System
Certification
520 Union Ave
SE Olympia,
WA 98504

VENDOR APPLICATION FOR VOTING SYSTEM CERTIFICATION

Vendor Name: Clear Ballot Group, Inc.

Vendor Address: 2 Oliver St., Suite 2, Boston, Massachusetts 02109

Name and Telephone Number of Technical Support: Gwenyth Winship (603) 714 4593

Name of the System: (include version numbers/release numbers): ClearVote 2.2

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

The ClearVote 2.2 voting system product suite is an optical-scan voting system with ballot-marking device. ClearVote 2.2 is a modification to the currently certified ClearVote 2.1 voting system in the State of Washington. The ClearVote 2.2 system is (still) comprised of three products in WA:

ClearDesign—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 election 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 90 proofing reports to aid the jurisdiction in ensuring the quality of the finished ballot. ClearDesign then exports digitally signed PDF packages for the ballot printer, as well as programming files for ClearAccess (ADF) and ClearCount (BDF).

ClearAccess—The ClearAccess system 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 receptacle. The ClearAccess software logs all transactions without compromising voter privacy and stores no results data because its output is a marked paper ballot.

ClearCount—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 ScanStation computers. Each ScanStation computer has a scanner attached via USB cable. Additional computers (election administration stations) can be

attached to the closed 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 additional custom reports can be defined and generated as needed. Ballots can be adjudicated through the election administration stations.

The *ClearVote 2.2 System Overview* for each component provides high-level descriptions of these ClearVote products. *ClearVote 2.2 Change Notes* record the main hardware and software features that have been fixed or enhanced for this modification. These documents, plus training guides, maintenance manuals and documentation for all third-party (COTS) components, are part of the full ClearVote 2.2 Technical Data Package (TDP).

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 would like to certify the following product versions:
- ClearDesign 2.2.4
- ClearAccess 2.2.2
- ClearCount 2.2.4

The full ClearVote 2.2 TDP, along with a hard copy of this Application to the Office of the Secretary of State, will be mailed to your offices directly from the federally accredited voting system test lab (VSTL), Pro V&V, on a secure USB. It will be sent with a hard copy of this Application to the Office of the Secretary of State.

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 refer to the *ClearVote 2.2 Change Notes* for a complete list describing the differences in operational and technical capabilities of the enhanced system (focusing on the review of the ClearDesign, ClearAccess and ClearCount products). This document is contained in the ClearVote 2.2 TDP. Enhancements include but are not limited to:

- Hardware: Some next generation COTS computer components are included in this release. It also includes updated configurations of ClearAccess primarily related to the configured form factor during system transport and storage.

- Software: Updates and enhancements across all components (ClearDesign, ClearAccess, ClearCount). This includes multi-language support on ballots and PDF naming options in ClearDesign; and reporting enhancements, an upgrade from Scadall Pro to PaperStream Capture for Fujitsu scanners, and an Election Ballot Code (PAN 21-01) in ClearCount.

- Documentation: TDP and APL documentation updates to match new and

enhanced system functionality configurations.

Is the system certified or used in other states? (Which states?).

No. ClearVote 2.2 has just completed testing with the VSTL Pro V&V. The federally approved Test Report for EAC 2005 VVSG 1.0 certification testing is expected around late October to early November (Certification # CBG-CV-22 upon grant of federal Certificate). Clear Ballot hopes to certify this product in several other states, but Washington is first state we have submitted a modification application to.

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

Clear Ballot has reviewed WAC 434-335 and RCW 29A.04 and 29A.12, as well as other sections of Washington statutes and rules to confirm that ClearVote 2.2 complies with Washington state law, including the ability to program and report split precincts.