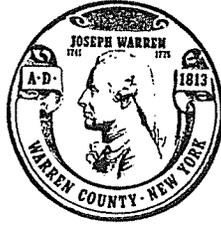# WARREN COUNTY BOARD OF ELECTIONS

1340 STATE ROUTE 9
LAKE GEORGE, NY 12845
FAX: (518) 761-6480

WILLIAM T VANNESS
REPUBLICAN COMMISSIONER
TEL: (518) 761-6458

BETH McLAUGHLIN
DEMOCRATIC COMMISSIONER
TEL: (518) 761-6459

November 27, 2017

SUPPORT SERVICES COMMITTEE AGENDA
BOARD OF ELECTIONS

1. Move money from A1450 439 $11,573.00 to supplement A1450 470 contract
    A1450 439 $8,082.00 to A1450 220 equipment
    Totaling $19,655.00
    To purchase Clear Ballot Solution totaling $16,748.00 5 year contract
    $ 8082.00 for equipment
    Total $26,649.00

Resolution to approve a 5 year contract and purchase equipment with
Clear Ballot Group, Inc.

RESOLUTION REQUEST FORM NO. 10

Request for Transfer of Funds

TO: AMANDA ALLEN, CLERK, WARREN COUNTY BOARD OF SUPERVISORS

DEPARTMENT NAME: with Clear BallotBoard of Elections

SIGNED: **DATE:**

FROM CODE	TITLE	TO CODE	TITLE	AMOUNT
439	MISC	470	CONTRACT	$11,573.00
439	MISC	220	EQUIPMENT	$ 8,082.00
			TOTAL	$19,655.00

Please state reason for transfers requested: Contract and Equipment from Clear Ballot Solutions that includes Clear Ballot individually listed software modules for exclusive use of the Warren CountyBoard of Elections. Price includes perpetual software license and 60 months of mainteance and support. Also includes all costs associated with the implementation of and training for the system and ongoing annual support and upgrades of the Clear Ballot System.

CONTINGENT FUND TRANSFER REQUESTS

FROM CODE	TITLE	TO CODE	TITLE	AMOUNT
A.1990 469	Contingent Account- Other Payments/Contributions			$0

Please state reason for transfer request: Purchase of Election equipment and 5 year Contract

Please file original request with Clerk of the Board and retain copy for your records.

RESOLUTION REQUEST FORM NO. 20

MISCELLANEOUS

*Please List All Other Requests Not Covered by Previous Resolution Request Forms Here.
Please attach any backup information available and be as detailed as possible.

DEPARTMENT NAME: Board of Elections

DATE: November 27, 2017

    (a)   Purpose of Request: **5 Year Contract and Purchase of equipment from Clear Ballot Group, Inc.**

    (b)   Details: **To enter into a 5 year Contract for software modules, taining, implementation, ongoing upgrades and purchase of equipment**

    (c)   Previous Resolution Number:

    (d)   Where are the Funds (if required)? List Budget Code, Object Code, Full Title* and Amount: **$26,649.00 - A-145. 439 Misc Code - $16,748 for Contract - $8,082 for Equipment Purchase**

        Sample: A.8021 470 Planning & Community Development – Contract

* as listed in budget and LOGOS

Clear Ballot

ClearCount Features and Benefits

ClearCount is a software product, certified for use in New York on the offer-provided hardware. Absentee ballot processing is a unique environment. Ballots are often returned damaged, mis-marked or marginally marked, which are all challenges.

A software driven solution:

    a. Works on more robust, commercially manufactured hardware that can process ballots that are damaged by mail and are un-readable by voting machines

    b. ClearCount is more accurate than voting machines and reads marginal/poor marks made by absentee voters by most any marking implement.

    c. ClearCount can read and process ballots Military and Overseas Voters that are returned from around the world and un-readable by voting machines.

    d. ClearCount allows the County to review voter mistakes and mis-marks that are missed by other voting machines.

    e. ClearCount is operated with "open source", transparent software components that are secure.

    f. ClearCount is built to outlast traditional voting systems that only have a lifespan of 12-15 years. Upgrades to hardware and software protect the County's investment.

    g. **ClearCount software is independent from the primary voting system and can be used to conduct the mandatory post-election 3% audit. ONLY an independent system is approved for use for post-election audits.**

        a. A typical post-election audit is a hand-counted review of 1200 to 1500 ballots.
        b. A typical post-election audit requires 4 to 6 participants.
        c. A typical post-election audit takes 16 hours to complete.
        d. ClearCount will provide a fast audit and is more accurate than hand counting

ClearCount provides operational cost savings for Absentee Ballot Processing and Automated 3% Audit

OPERATIONAL COST SAVINGS

- **Reduced Personnel Hand Counting Absentees**
- **Reduced Personnel Managing Ballot Exceptions**
- **Reduced Personnel Conducting 3% Audit**

CLEAR BALLOT SOLUTION OVERVIEW
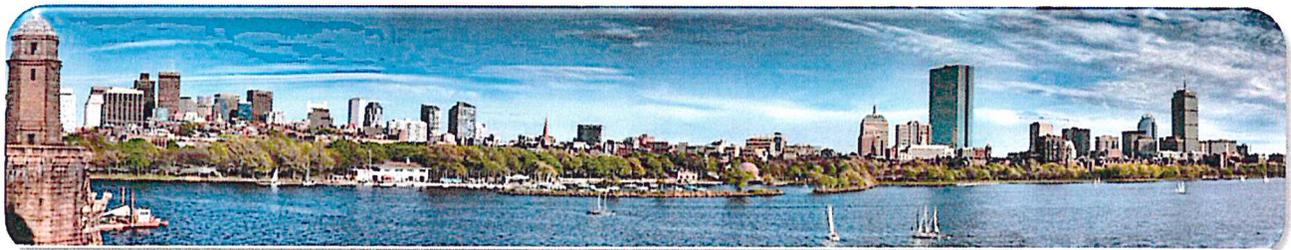## WARREN COUNTY, NEW YORK

NOVEMBER 2, 2017

CLEAR BALLOT OVERVIEW

Mission

Clear Ballot was founded in 2009 in Boston, Massachusetts with a goal to develop a new class of solutions to help election administrators to stay ahead of the technology curve. These products, built on the principles of a modern software architecture and with commercially available hardware and software, are designed to improve the speed, accuracy, and transparency that election officials need to achieve three important objectives:

- Lower the cost of elections
- Reduce time related to administering elections
- Build confidence in the accuracy of election results

Clear Ballot's team includes software developers who have built mission-critical applications for leading companies in many industries, and election professionals with decades of experience. The team has collaborated to create a voting system that provides new levels of control and transparency to election officials across the US. Working in partnership with election officials from jurisdictions large and small, Clear Ballot's vision is to present the evidence of the electorate's intent quickly, clearly, and verifiably.

Clear Ballot's ClearVote™ system, built from the ground up in the United States, is the most innovative voting system to be offered in a generation. Clear Ballot shows what is possible when an organization listens to election administrators and applies the right resources to solve the right problems. We are confident that you will recognize this with a passion for democracy in the suite of Clear Ballot's solutions.

In solving today's problems, Clear Ballot prepares jurisdictions for tomorrow's challenges.

Requirements of a central count voting system:

Accurate		The first requirement of a voting system is accuracy. All voting systems are accurate, but the transparency of ClearCount's Vote Visualization technology makes it the most precise tabulation system the election industry has ever had.
Cost-effective, Scalable		A range of options optimizes capital and operating budget opportunities, and effective use of all available personnel. Customers report the cost of opening boards is reduced by 2/3, with the system paying for itself in 2 years. A sound investment that will last a long time; you won't have another large capital expense 5–10 years down the road. You stay current without having to buy an entire new system. This is not expensive, purpose-built hardware. As county needs change, you can add or subtract scanners to handle the load and complete the canvass on time.
Fast		ClearCount offers a range of hardware solutions to meet the speed requirements of every customer. Our range of scanning solutions accommodates 1,600 to 13,000 ballots per hour, depending on the needs of the client.
Transparent		The increased transparency of the system gives you confidence: • Vote Visualization • Cast Vote Record for auditability • Thorough election and system logs can be easily reviewed

Uniquely, Clear Ballot Group can offer the value of the ClearCount software that is also an approved solution for the automated 3% post-election audit, required by the State of New York (pending rules promulgated by the New York State Board of Elections).

Clear**Audit**

ClearAudit is the nation's first independent, automated audit tool, providing a visual comparison to the voting system results. By replacing manual audits, ClearAudit software eliminates the labor intensive and costly sorting process and the inaccuracy inherent in physical ballot handling. Scanned ballots are digitally sorted and provide visual verification of the election results. ClearAudit can analyze ballots produced by all major voting systems.
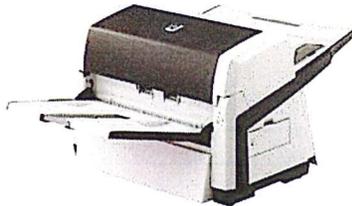
Key Benefits:

COTS Central Scanning

COTS hardware provides significant advantages in the support, flexibility, cost, and the useful lifespan of voting systems. Clear Ballot has worked with hardware manufacturers for 5 years to evaluate technologies that meet the unique challenges of election officials. We chose several companies based on their superior technology as it applied to elections, their willingness to create custom support tailored for the election official, and the long-term availability of their systems and easy migration paths for upgrades. These strategic partnerships have brought world class capabilities to the election community. Clear Ballot uses Fujitsu and ibml for scanning equipment and Dell for computing assets.

Fujitsu 6800
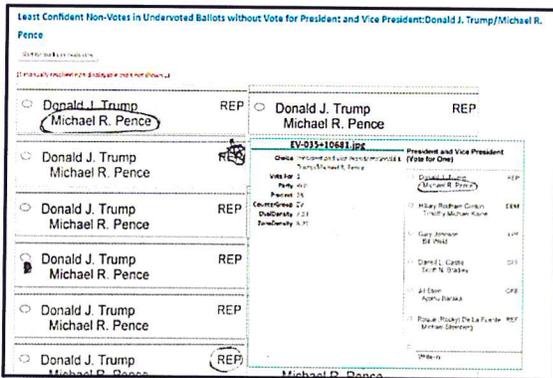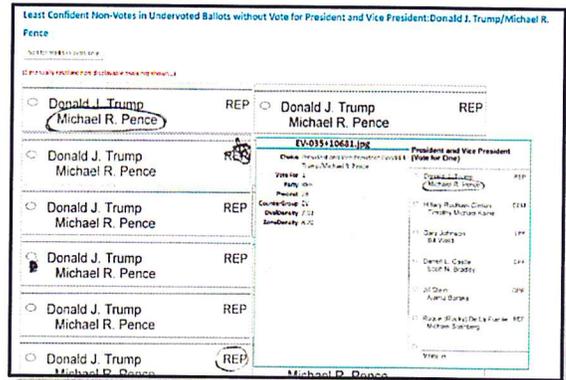4,000 18" ballots per hour

Fujitsu 6670
2,900 18" ballots per hour

Fujitsu 7180
1,600 18" ballots per hour

Independent Auditability

ClearAudit is the only system that can read and independently tabulate ballots from any voting system. Clear Ballot began as an Audit solution and our growth has been driven by our innovative technology and unique capability to provide a higher level of transparency. With the emergence of Risk Limiting Audits and attention focused on close contests, ClearAudit is becoming a must have resource.

Visualization of Voter Intent

One of the most important capabilities of any voting system is its ability to interpret voter intent. Until now, jurisdictions have had only two methods of assessing voter intent: using machines to analyze marks found inside well-defined vote targets or counting ballots by hand. ClearCount identifies and presents ballots with density in the candidate target area, which may represent uncaptured voter intent, ensuring every ballot is counted as cast.

Pioneered by Clear Ballot, the transparency and power of our vote visualization technology reveals the intent of the electorate like it has never been seen before. Each voter-marked oval is linked to its corresponding high-resolution digital ballot image which can be accessed with a single mouse click. Election administrators can review overvotes, blank ballots, write-in votes, and marginal marks without having to handle or remake the physical ballot.

Comparison Results Record

ClearAudit's Comparison of Votes Cast record is a comprehensive analysis of every ballot tabulated by your primary voting system as compared to the tabulation generated by ClearAudit. Election officials can see and evaluate discrepancies instantly. This information allows officials to identify differences quickly so they can be corrected during the canvass period, ensuring confidence and providing maximum transparency of the intent of the electorate.

Low Unreadable Rate

Clear Ballot's technology and approach was designed to significantly reduce the amount of unreadable or outstacked ballots during the scanning process. Because of this, ClearAudit can show votes that may not have been picked up by the legacy system, or that had to be manually duplicated. This allows administrators to identify potential missed votes and ensure all intended votes are counted as cast.
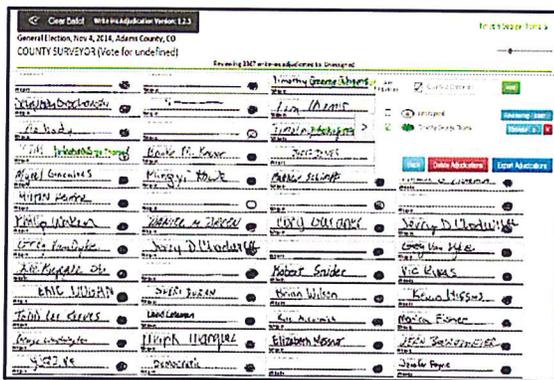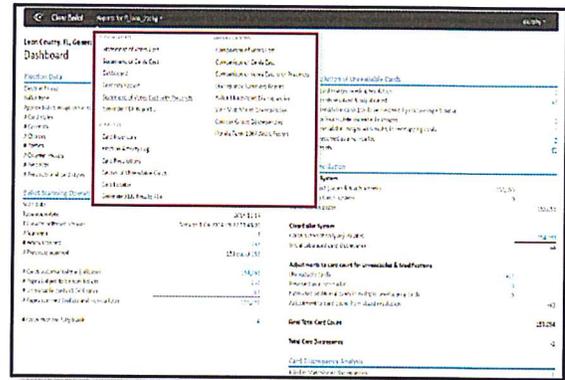
ClearAudit helps us resolve recount issues or allows for more targeted recounts, informs election administrators on issues with ballot design that lead to voter confusion (high percentage of voter error), and can assist election administrators in evaluating how certain precincts are doing.

Natasha Walker, Maryland State Board of Elections

Enhanced Reporting

ClearAudit provides many audit reports for the comparison and reporting of audit results. These reports provide a clear picture of every vote cast and can be presented in many formats according to your needs. Clear Ballot is constantly evolving our reports to ensure maximum transparency and incorporates user feedback to enhance these reports on a regular basis.
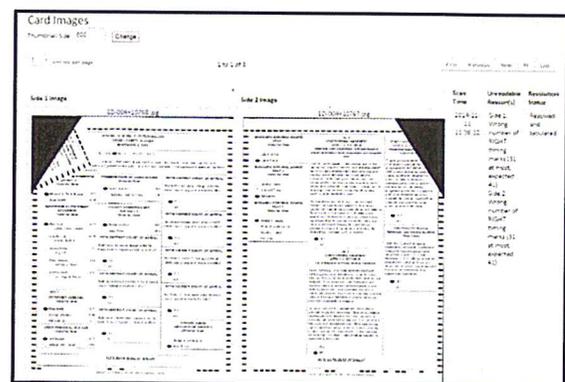

Write-in Management Tool

ClearCount's external Write-In Adjudication utility allows officials to assign certified write-in candidates into digital "buckets" with the click of a mouse, allowing staff to count write-in votes quickly and accurately. Multiple staff can work on the same contest at the same time, allowing for a managed and organized approach to large write in contests. Non-certified candidates can be assigned to a single bucket or assigned to individual buckets as required.

Digital Adjudication

ClearCount was built to eliminate the need for election officials to have to manually duplicate a paper ballot. Absentee ballots deemed unreadable by the system can be reviewed digitally. This allows officials to quickly and easily process ballots for voter intent by examining high-resolution images of the cast ballots, reducing the risk of human error inherent in ballot-handling, and significantly improving the speed and integrity of the tabulation process.

SUMMARY

We hope the information we have provided here helps you understand what Clear Ballot can bring to your election process and the long-term value your jurisdiction will receive from a truly modern voting system. We would like to work with you to establish a partnership to provide ClearAudit to the Warren County Board of Elections. We look forward to continuing to work with you to understand your priorities and develop a program that meets all your needs and allows you to transition smoothly to your new Clear Ballot voting system.

Listed below is a price proposal, outlining a transition plan costs, for your review. Please let us know if you have any questions you would like to discuss.

Thank you, again, for your time and consideration!

Sincerely,

Ingrid Giordano
Regional Sales Manager

Clear Ballot Group, Inc.
7 Water Street, Suite Seven | Boston, MA 02109
www.clearballot.com | @clearballot
Office: 857.250.4961 | Cell: 214.642.6293

PRICING

Clear Ballot's proposed pricing is valid for 45 days. Pricing is broken into the following categories:

Software:	Includes Clear Ballot's individually listed software modules for the exclusive use of the Warren County Board of Elections. Price includes a perpetual software license and 60 months of maintenance and support.
Implementation Services:	Includes all costs associated with the implementation of and training for the system and ongoing annual support and upgrades of the Clear Ballot system.

Clear Ballot Proposal for Warren County, New York				
	Quantity	Per Unit	Proposed	Total Cost
Software				
ClearAudit Software License	1	$16,748	$16,748	$16,748
Hardware				
Scan Server: Lenovo TS140 • Two 4 TB hard drives configured with RAID 1 • 8 Gb of RAM • Intel Xeon E3-1226 v3 3.3 GHz – Quad Core				$2,600
Fujitsu fi-7180 Bundle • Dell Latitude 5570 Scan Station • Intel Core i7- 6700 (Quad Core, 3.40 GHz, 8MB Cache, 4 cores, 8 logical processors) • 8.00 Gb RAM • 1 TB of disk Space • Operating system – Windows 8.1 Pro				$5,000
Connectivity Package • 4 port Router • Ethernet Cables • 4 TB Backup Storage Drive • 2 USB Drives				$332
Report Printer				$150
			Total Hardware	$8,082
Services				
Implementation Includes				
Onsite Support	2	$1,500	$3,000	
Audit Preparation Support	2	$1,500	$3,000	

Election Day Support (2 Day Min)	1	$2,800	$2,800	
Onsite Training	1	$2,000	$2,000	
				$10,800
Total Costs				**$35,630**

Clear Ballot Discount Program for Warren County

Discounts	Proposed	Discount	
ClearCount Discount	$16,748	37.5%	<$6,281>
Services Discount	$10,800	25%	<$2,700>
Total Discount			**<$8,981>**
Total Costs Before Discount			**$35,630**
Total Proposed Costs			**$26,649**