MARICOPA COUNTY
Elections Department

TO: The Maricopa County Board of Supervisors

FROM: Scott Jarrett, Director of Election Day and Emergency Voting, Maricopa County
            Rey Valenzuela, Director of Election Services and Early Voting, Maricopa County

SUBJECT: Update on Forensic Audit of Maricopa County's Tabulation Equipment

DATE: February 23, 2021

After the Maricopa Board of Supervisors voted on January 27, 2021 to conduct a forensic audit of the Dominion Voting Systems tabulation equipment and software that Maricopa County used in the November 2020 General Election, the Maricopa County Elections Department has taken the necessary steps to complete the first two portions of this audit. The forensic audit is comprised of three separate audits performed by two United States Elections Assistance Commission Voting System Testing Laboratories and a Certified Public Accounting Firm.

The purpose of this memo is to provide a summary of the audit results and transmit the final reports for the first two portions of the audit that were completed by the certified Voting System Testing Laboratories (Pro V&V and SLI Compliance). Berry Dunn is performing the procurement review and the final portion of the audit and expects it to be completed by the end of March.

Audit Results

The Maricopa County Elections Department contracted with Pro V&V and SLI Compliance to perform an audit of the Maricopa County's Tabulation System and Equipment (Dominion Democracy Suite 5.5b). The objectives of the audit(s) and the results are summarized in the following table:

TEST OBJECTIVE	PRO V&V FIELD AUDIT	SLI COMPLIANCE FORENSIC AUDIT
DETERMINE IF INSTALLED SOFTWARE WAS U.S. EAC AND AZ SOS CERTIFIED	All tested software and equipment was inspected and verified to be using certified software	All tested systems and equipment were using certified software
DETERMINE IF ANY MALICIOUS MALWARE OR HARDWARE WAS INSTALLED ON THE SYSTEM OR EQUIPMENT	No malicious hardware and software discrepancies were identified	No malicious malware or hardware was detected
DETERMINE IF TABULATORS WERE CONNECTED TO THE INTERNET	The system was determined to be a "closed network" and does not have internet access	No evidence of an Internet Connection was Identified
PERFORM A LOGIC AND ACCURACY TEST TO DETERMINE IF VOTE SWITCHING COULD OCCUR	The logic and accuracy test resulted in accurate numbers	N/A – Test was not included in SLI's Scope of Work

These four test objectives analyzed whether Maricopa County's configuration and setup of the Dominion Democracy Suite 5.5B and related equipment were hacked, transmitting information over the internet, and/or allowing voting switching to occur. Two separate expert Voting System Testing Laboratories found that the County was using certified equipment and software; with no malicious hardware; that was not connected to the internet. Pro V&V also confirmed that the tabulation equipment was configured and programed to tabulate the November 2020 General Election ballots accurately.

The combination of these findings along with the pre and post logic & accuracy tests performed by the Arizona Secretary of State, the post-election hand count performed by the political parties, and the many security protocols implemented by the Elections Department confirm that Maricopa County Elections Department's configuration and setup of the tabulation equipment and election management system provided an accurate counting of ballots and reporting of election results.

Selected Audit Firms

The Elections Department selected Pro V&V and SLI Compliance to perform these two portions of the forensic audit because they were independent of the County. Both laboratories are also certified by the U. S. EAC and with a combined 29 years of experience in testing and certifying voting equipment. These are the only firms we believed possessed the knowledge and expertise to perform this very detailed and technical analysis to determine that the voting equipment and system were correctly configured and did not possess any vulnerabilities.

Furthermore, the Department of Homeland Security designated tabulation equipment as critical election infrastructure. Any exposure of the source code to an unqualified and non-vetted third party could jeopardize tabulation systems used by voting jurisdictions nationwide. Pro V&V and SLI Compliance undergo audits by the U.S. EAC and the National Institute of Standards and Technology, the organizations tasked with testing and certifying election equipment. In selecting Pro V&V and SLI Compliance, we were confident that the Elections Department would not be jeopardizing the security of the source code and the certification of the equipment which is needed by Maricopa County to perform elections in 2021 (March, May, August, and November) and in future years.

Audit Report Transmittal

Included with this memo are the following two audit reports and attachments:

(1) Pro V&V – Maricopa County DVS DS 5.5B Post Audit Report
(2) SLI Compliance – Maricopa County DVS DS 5.5B Forensic Audit Report 1.0 and Attachment(s) A, B, and C

Sincerely,

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Maricopa County Elections Department

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