

**Butler County Board of Elections  
Board Meeting Minutes  
March 17, 2017**

The Butler County Board of Elections met on Friday March 17, 2017 at 10:03 a.m. for a regular meeting. Roll call was taken and present were Chairman Frank Cloud, Member Todd Hall, Member Chris Wunnenberg, Director Diane Noonan, Deputy Director Jocelyn Bucaro, Early Voting Administrator Eric Corbin, Database Administrators Jay Klein and Joe Andrews, Butler County Information Services Representative Brett Williams, Tenex Software Solutions CEO Ravi Kallem and Secretary of State Regional Liaison Beth Hamad.

Chairman Cloud submitted the minutes of February 21, 2017 for approval. Member Hall moved to approve the minutes; seconded by Member Wunnenberg. Roll call:

Chairman Cloud	yea
Member Wyenandt	absent
Member Hall	yea
Member Wunnenberg	yea

All in favor; motion carried.

Director Noonan acknowledged the receipt of the following Advisory from the Secretary of State:

Advisory

02/23/2017 2017-02 Biennial Adjustment of Recount Charges

Under Election Business, Director Noonan submitted eight candidates to be certified to the November 7, 2017 General Election. Member Hall moved to certify the eight candidates for the November 7, 2017 General Election; seconded by Member Wunnenberg. Roll call:

Chairman Cloud	yea
Member Wyenandt	absent
Member Hall	yea
Member Wunnenberg	yea

All in favor; motion carried.

Certified \_\_\_\_\_

Admin. Sign & Date

Butler County Board of Elections  
November 7th, General Election  
**Candidates**

March 17, 2017

**Middletown Municipal Court Judge (UTE 12/31/19)**

- Melynda Cook Howard
- Elizabeth Yauch Joseph
- Terri S. King
- Jeff Milbauer
- James E. Sherron

**Hamilton City Council**

- Robert M. Brown

**Morgan Township Trustee**

- Jeffrey R. Kolb

**Reily Township Trustee**

- Roger C. Koch

03/15/2017 9:36:04 AM

Director Noonan submitted the list of candidates and campaign committees to be referred to the Ohio Elections Commission by the Board for failing to file required campaign finance reports. Member Hall questioned how many times they have been contacted by Candidate and Ballot Services. Deputy Director Bucaro stated they have been contacted by certified mail. Member Wunnenberg moved to submit the referrals to the Ohio Election Commission; seconded by Member Hall. Roll call:

Chairman Cloud	yea
Member Wyenandt	absent
Member Hall	yea
Member Wunnenberg	yea

2017 Ohio Elections Commission Referrals  
Butler County

**Candidates:**

Earsel Cheek

- 2016 Annual – Report was not filed

DaMonté Cole

- 2016 Annual – Report was not filed

Charles L. Cramer

- 2016 Annual – Report was not filed

Don Gabbard

- 2016 Semi-Annual – Report was not filed
- 2016 Annual – Report was not filed

Craig D. Hedric

- 2016 Annual – Report was not filed

Richard S. Holzberger

- 2016 Annual – Report was not filed

Adam Bowman Jones

- 2016 Annual – Report was not filed

Todd Moore

- 2016 Annual – Report was not filed

Michelle Novak

- 2015 Post-General – Requested amended reports was not filed
- 2016 Annual – Report was not filed

DeAnna Shores

- 2015 Post-General – Report was not filed
- 2016 Annual – Report was not filed

Monica Streit

- 2015 Pre-General/Post-General – Second requested amended reports were not filed
- 2016 Annual – Report was not filed

**Committees:**

Monroe Local Schools Levy Committees

- 2016 Annual – **Report was not filed**

Under Old Business Deputy Director Bucaro introduced the staff's final vendor recommendation for the purchase of new electronic poll books to the Board. She explained that the state legislature appropriated funds two years ago to aid counties in the purchase of, or as a refund for counties that have already purchased, electronic poll books. The specific amount of reimbursement awarded to Butler County was \$394,465.05. The current electronic poll books were not purchased by the County. They were awarded as part of a settlement, and the technology is now more than ten years old. Due to the limitations of the current hardware the IT staff has strongly recommended the county take advantage of the available reimbursement to update the equipment. Only electronic poll book vendors who can work with the current voting system were considered, including Tenex, KNOWiNK, VOTEC and ES&S. The information in the Board document titled Final Vendor Recommendation for the Purchase of New Electronic Poll Books describes the evaluation criteria, vendor comparisons, and evaluation scores. Vendors were assessed on the following criteria:

- Ability to work with the existing voting system and any future system
- Functionality
- Intuitive and flexible user interface

- Central management dashboard
- Supplemental absentee update
- Customer control over election setup and import
- Post-election processing
- Ease of physical setup
- Hardware specifications and redundancies
- Training and customer service
- Purchase cost

Deputy Director Bucaro stated that the results of the report show Tenex Software Solutions scored above all the others. She then introduced Ravi Kallem of Tenex Software Solutions. Mr. Kallem then gave some background about his company. Tenex Software Solutions, based out of Tampa, Florida, has been focused on the Florida market for a long time. He explained how the company recognized an opportunity to bring new technologies to the election world due to the proliferation of tablets and wireless broadband, improve the voter experience, and help election officials complete their work more efficiently.

Mr. Kallem then began to present the Tenex electronic poll book called Precinct Central. The electronic poll book is an iPad mini and uses iOS to run the software. He demonstrated the physical setup of the device and pointed out how important an easy setup is when working with a temporary workforce. He then displayed the carrying case and clarified that the case is large because it holds two complete electronic poll books and two printers. The demonstration continued by showing how a voter checks in using a driver's license or having the PEO do a manual search. He said much of the text on the screen can be customized to Butler County's liking, that way the experience can be tailored to our PEOs. He explained many of the features of the central management system including the ability to receive live turnout numbers, check machine status, view reported problems in the field, extract information after an election and to set up before an election. He described the process for updating the electronic poll books with the names of the voters who cast in-person early ballots between the time the poll book data is made and the end of early voting. Deputy Director Bucaro added that the staff

would be able to monitor whether these updates had been applied by using the central management system.

The Board Members then proceeded to ask Mr. Kallem questions.

Question: How is the screen protected?

Answer: Mr. Kallem demonstrated how the electronic poll book folds into its stand during transport to safeguard the screen.

Question: Where is the stand manufactured?

Answer: The manufacturing process takes place in Tampa, Florida.

Question: How many employees does Tenex Software Solutions have?

Answer: Thirteen.

Question: Is Tenex Software Solutions incorporated and is the stock private?

Answer: Yes, the company is incorporated and the stock is private.

Question: In what states are these electronic poll books deployed?

Answer: Florida and Ohio. Tenex is interested in expanding into Texas.

Question: Does Tenex Software Solutions have insurance?

Answer: Yes, it was required by the State of Ohio to do business.

Question: Do these electronic poll books require more supplies than our current system?

Answer: Director Noonan confirmed that the new electronic poll books would not require more supplies and would be much less work for our poll workers.

Question: How well does the driver's license scanner work?

Answer: Very well, although training is required to make sure the proper distance and angles are used.

Question: How does the voter sign their name?

Answer: Voters use a stylus to sign on the screen of the electronic poll book.

Question: Are other competitors using iPads and iOS?

Answer: Yes, there are other Apple based electronic poll books. The consistency of iOS made development much smoother although the cost is higher for the hardware.

Question: Why use an iPad mini instead of a full size iPad?

Answer: The larger iPad costs more and the font size does not change from the smaller version to the other. No jurisdictions have bought the full size iPad version.

Question: What is the quality of the printer?

Answer: The printer has been used in the field with little trouble and the print quality is clear. Deputy Director Bucaro added that a hardwired printer was desired, however this one works via Bluetooth.

Question: Are the electronic poll books connected to the TSX machines in anyway?

Answer: No.

Question: Have these exact devices been deployed in the field?

Answer: Yes these exact devices are in use in Florida and Ohio.

Question: Can internal data be restored if corrupted?

Answer: Yes. Log files can be extracted and data is continually syncing between all devices at a location via Wi-Fi with Bluetooth as a backup.

Question: What security is used with this system?

Answer:

1. iOS already has good security in place to keep applications on the same device from sharing information.
2. The same technologies such as, HTTPS and TLS, that are used by the banking system are incorporated.
3. Data is encrypted before transmission encryption takes place.
4. All data stored on the Amazon Cloud servers are encrypted.
5. The devices are certified by the Federal Information Processing Standard 140.
6. The central management website is secured using the Center for Internet Security 1.7 standards.
7. There are no USB ports for malicious devices to be inserted.
8. An independent lab, Mad Security, identified some minor issues with the software that were patched.

Question: Who paid for the results from the independent security lab, Mad Security?

Answer: Tenex Software Solutions paid for the service. The lab was recommended by the State.

Member Hall moved to recommend to the Butler County Board of Commissioners the Tenex Software Solutions contract, seconded by Member Wunnenberg. Roll call:

Chairman Cloud	yea
Member Wyenandt	absent
Member Hall	yea
Member Wunnenberg	yea

All in favor; motion carried.

Under the Director's Report, Director Noonan explained that two precincts in Middletown and Trenton need to be split into the surrounding townships. Member Wunnenberg clarified that the splits only apply to the Middletown Municipal Court race.

Director Noonan stated there were two hundred ninety-five reservations for the Poll Worker Appreciation Breakfast on April 5, 2017 at the Butler County Fairgrounds. She also added that Deputy Director Bucaro, Database Administrators Jay Klein and Joe

Andrews, and herself will be flying to Denver on March 27, 2017 to visit Dominion Voting Systems and the Denver Board of Elections.

Under the Deputy Director's Report, Deputy Director Bucaro explained the next step after getting approval from the Board of Commissioners will be to finalize the contract, which is when the Prosecutor's Office will get involved in reviewing the contract. She also explained the implementation procedure for the new poll books would include a mock election where the staff can practice with the new equipment and potentially an August election, before fall implementation in November. She then updated the Board about state funding for new voting systems, which is looking likely but not yet guaranteed.

With no further business, Member Hall moved to adjourn; seconded by Member Wunnenberg. Roll call:

Chairman Cloud	yea
Member Wyenandt	absent
Member Hall	yea
Member Wunnenberg	yea

All in favor; motion carried.

The meeting was adjourned at approximately 12:03 p.m.

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Frank Cloud, Chairman

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Diane Noonan, Director

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Todd Hall, Member

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Chris Wunnenberg, III Member

**ABSENT**

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Kathleen Wyenandt, Member