Certification #160615-ES&S

Election Systems & Software, LLC – EVS, Release 4.5.2.0, Version 1

As of the date signed below, the Florida Department of State Division of Elections certifies the EVS, Release 4.5.2.0, Version 1 voting system, submitted by Election Systems & Software, LLC, for purchase or use by County and Municipal Governments of the State of Florida.

Election Administration:

- Election Management System Server Configurations
  - **EMS Server Configuration:**
    - Microsoft Windows Server 2008 R2 Standard Edition
    - ElectionWare – Server **4.5.2.0**
    - Cerebus FTP **6.0.7.1** (*optional*)
  - **EMS Workstation or Standalone Configuration:**
    - Microsoft Windows 7 (64-bit) Professional, SP 1
    - Adobe Acrobat Standard XI, **11.0**
    - ElectionWare - Client **4.5.2.0** or ElectionWare - All **4.5.2.0** (Standalone)
  - Election Reporting Manager 8.10.1.0
  - AutoMark VAT Previewer 1.8.5.0
  - ExpressVote Previewer 1.4.2.0
  - Microsoft Excel 2010 or later (*optional*)

- EMS COTS Software Common to Both Configurations
  - ES&S Event Log Service (UELS) **1.5.4.0**
  - Removable Media Service (RMS) **1.4.4.0**
  - RMCOBOL **12.06**

- Network Results Server and/or Client (*optional*)
  - Network Results Server:
    - Microsoft Windows Server 2008 R2 Standard Edition, SP 1
    - Cerberus FTP Secure Server **6.0.7.1**
      - Cisco ASA 5505 Security Appliance **8.4.7(30)** (*firewall*)
    - Kiwi Syslog Server **9.4.0**
    - Digi Rapidport/4 USB modem bank **301-1012-04** (*optional*)
  - Network Results Client:
    - Microsoft Windows 7 (64-bit) Professional, SP 1
    - Adobe Acrobat Standard XI, **11.0**
    - IPSwitch WS_FTP **12.4.1**
    - Election Reporting Manager **8.10.1.0**
    - RMCOBOL **12.06**

- Regional Results Client (*optional*)
  - Microsoft Windows 7 (64-bit) Professional, SP 1
  - Adobe Reader XI, **11.0**
  - ES&S Regional Results **1.1.0.0**
  - Results Transmission
    - Wireless Hot Spot Transmission
      - Jetpack 4G LTE (Verizon)
      - Netgear Zing (Sprint)
      - 4G LTE (AT&T)
    - Broadband Modem Transmission
      - USB551L (Verizon)
      - Netgear 341U (Sprint)
      - Netgear 340U (AT&T)

- ExpressLink Workstation (*optional*)
  - Microsoft Windows 7 (64-bit) Professional, SP 1
  - Adobe Reader XI, **11.0**
  - E&S ExpressLink **1.3.0.0**
  - ExpressVote Activation Card Printer - Microcom Model **4200**

- EMS COTS Software Common to All Servers/Clients
  - Symantec Endpoint Protection, Small Business Edition (**2013**) (*optional anti-virus software*)
  - Microsoft Offline Updates (WSUS) **8.6**

- COTS Hardware
  - SanDisk ImageMate Compact Flash Reader / Writer
  - Delkin Compact Flash Reader/Writer
  - ExpressVote Activation Card Printer - Microcom Model **4200** (*optional*)
  - OKI Data Printer, C711, C9650 (*optional BOD printer*)
  - OKI B430dn/B431dn Laser Printer (*optional Report printer*)

- Election Media
  - DS850, ExpressVote: ES&S Qualified Delkin USB Drive (512 MB, 1 GB, 2 GB, 4 GB, 8 GB)
  - DS200: ES&S Qualified Delkin USB Drive (512 MB, 1 GB, 2 GB, 4 GB, 8 GB), SanDisk USB Drive (1GB, 2GB)
  - AutoMARK VAT: ES&S Qualified SanDisk Compact Flash Card (512 MB, 1 GB, 2 GB) or Toshiba Compact Flash (512 MB, 1GB, 2 GB)

Precinct Count:

- Digital Scan 200 (DS200) Hardware Revision **1.2** or **1.3**
  - Firmware **2.11.1.0**
    - Scanner Firmware **3.0.0.0**
    - Power Management Firmware **1.2.10.0**
    - **Internal DRAM: 512MB (HW 1.2)**
    - **Internal DRAM: 1GB (HW 1.2 or 1.3)**
  - Internal ES&S Qualified Delkin Compact Flash Card **1GB**
- Multitech Wireless Internal Modem (*optional*): Verizon C1/C2, Sprint C1/C2, AT&T
- Multitech Analog Internal Modem (*optional*): RJ-11
- Ballot Box
  - Plastic Ballot Box Hardware Revision **1.2**, **1.3**, or **1.4**
    - Plastic DS200 Tote Bin (*optional*)
  - Steel Ballot Box

ADA equipment for each polling location:

- AutoMARK VAT, Model A200/A300 Hardware Revision **1.1**, **1.3**
  - Firmware **1.8.5.0**
    - Printer Engine Board (PEB) **1.70**
    - Scanner Interface Board (SIB) **1.43**
    - WinCE **5.00.20** with SBC **2.0**, **2.5**
    - Ultra **8.0.1**
  - AutoMARK Voter Assistance Table (*optional*)
  - Plastic AutoCAST Ballot Box (HW rev. **1.0**) (*optional*)
  - COTS Hardware
    - AVID headphones for audio ballots
      - Compatible COTS two-switch assistive technology devices
- ExpressVote Voter Assistance Device Hardware Revision **1.0**
  - Firmware **1.4.2.0**
    - Input Output Board (IOB) **1.1.0.0**
    - Scanner Printer Engine Board (SPE) **1.4.1.0**
    - Detachable Keyboard (DKB) **1.0.0.0**
  - Operating System (Platform) **6.00.19**
  - ExpressVote Voter Assistance Table (*optional*)
  - ExpressVote Voting Booth (*optional*)
  - ExpressVote Rolling Kiosk (*optional*)
  - COTS Hardware
    - Attachable ES&S Keypad for ballot navigation
    - AVID headphones for audio ballots
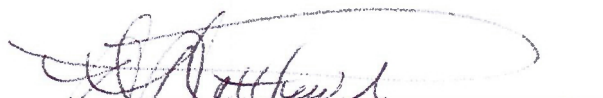   - Compatible COTS two-switch assistive technology devices

Central / Absentee Count (*one or more of the following*):

- DS200, *as defined for precinct count (ES&S strongly recommends using 1GB DRAM for DS200 Central/Absentee count)*
- DS850 Central Count Ballot Tabulator Hardware Revision **1.0**
  - Firmware **2.8.2.2**
  - Internal ES&S Qualified Delkin Compact Flash Memory Card **1GB**
  - COTS Hardware
    - OKI Microline 420 Dot Matrix Printer (*dedicated continuous audit log printer*)
    - OKI B430dn/B431dn Laser Printer (*optional – dedicated report printer*)
    - Universal Power Supply APC1500

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this 15th day of June, 2016.

Maria I. Matthews, Director
Florida Division of Elections