APPENDIX D. TECHNICAL DATA PACKAGE

D.1 EVS 5.2.2.0 TECHNICAL DATA PACKAGE

The documents listed in Table D-1 comprise the EVS 5.2.2.0 TDP.

Table D-1. EVS 5.2.2.0 TDP

EVS 5.2.2.0 TDP Documents	Version	Doc No.	Document Code
System Overview			
System Overview	1.13	01-01	EVS5220_C_D_0100_SysOvr
System Functionality Description			
System Functionality Description	1.5	02-01	EVS5220_C_D_0200_SFD
System Hardware Specification			
AutoMARK System Hardware Specification	6	03-06-01	AutoMARK_System Hardware Specification_AQS-18-5000-001-F
AutoMARK System Hardware Overview	9	03-06-02	AutoMARK_System_Hardware_Overview_AQS-18-5002-000-S
DS200 Hardware Specification	3.4	03-01	DS200HW_M_SPC_0312_HWSpec
DS200 Hardware Specification	4.5	03-02	DS200HW_M_SPC_0313_HWSpec
DS450 Hardware Specification	1.6	03-03	DS450HW_M_SPC_0310_HWSpec
DS850 Hardware Specification	1.6	03-04	DS850HW_M_SPC_0310_HWSpec
ExpressVote Hardware Specification	3.5	03-05	EXPRESSVOTEHW_M_SPC_0310_HWSPEC
Approved Parts List	--	03-07	Approved Parts List (folder)
AutoMark A100 Approved Parts List	2.0	03-07-06	AutoMARKHW_M_SPC_A100_BOM
AutoMark A200 Approved Parts List	2.0	03-07-07	AutoMARKHW_M_SPC_A200_BOM
AutoMARK A300 Approved Parts List	2.0	03-07-08	AutoMARKHW_M_SPC_A300_BOM
Approved Parts List: DS200 HW Rev 1.2	1.2	03-07-01	DS200HW_M_SPC_0312_APL
Approved Parts List: DS200 HW Rev 1.3	1.1	03-07-02	DS200HW_M_SPC_0313_APL
Approved Parts List: DS450 HW Rev 1.0	1.1	03-07-03	DS450HW_M_SPC_0310_APL
Approved Parts List: DS850 HW Rev 1.0	1.1	03-07-04	DS850HW_M_SPC_0310_APL
Approved Parts List: ExpressVote HW Rev 1.0	1.1	03-07-05	ExpressVoteHW_M_SPC_0310_APL
Software Design and Specification			
Coding Standards	1.2	04-10	ESSSYS_D_P_0400_CodingStandards
System Development Program	1.2	04-09	ESSSYS_SG_P_0400_SystemDevProgram
DS200- Software Design Specification	1.3	04-06	EVS5220_D_SDS00_DS200
DS450- Software Design Specification	1.2	04-04	EVS5220_D_SDS00_DS450
DS850- Software Design Specification	1.2	04-05	EVS5220_D_SDS00_DS850
Electionware - Software and Design Specification	1.3	04-02	EVS5220_D_SDS00_Electionware
Software Design Specifications Event Log Service	1.0	04-01	EVS5220_D_SDS00_ELS
Software Design Specifications ERM	1.4	04-03	EVS5220_D_SDS00_ERM
Software Design Specifications ERM Appendices	1.1	04-03-01	EVS5220_D_SDS00_ERM01_Appendices
ExpressVote- Software Design and Specification	1.3	04-07	EVS5220_D_SDS00_ExpressVote
AutoMARK Software Design Specifications	--	04-08	AutoMARK SDS (folder)
AutoMARK Ballot Image Processing Specification	6	04-08-08	AutoMARK ESS Ballot Image Processing Specification AQS-18-5002-003-S

D.1   EVS 5.2.2.0 TECHNICAL DATA PACKAGE (Continued)

Table D-1. EVS 5.2.2.0 TDP (Continued)

Software and Design Specification (continued)			
AutoMARK Ballot Scanning and Printing Specification	5	04-08-08	AutoMARK ESS Ballot Scanning and Printing Specification AQS-18-5002-007-S
AutoMARK Driver Application Programming Interface (API) Specification	5	04-08-09	AutoMARK ESS Driver API Specification AQS-18-5000-002-F
AutoMARK Embedded Database Interface Specification	6	04-08-06	AutoMARK ESS Embedded Database Interface Specifications AQS-18-5002-005-S
AutoMARK Graphical User Interface (GUI) Design Specification	6	04-08-04	AutoMARK ESS GUI Design Specifications AQS-18-5001-005-R
AutoMARK Operating Software Design Specifications	5	04-08-01	AutoMARK ESS Operating Software Design Specifications AQS-18-5001-002-R
AutoMARK Operations and Diagnostics Log	5	04-08-12	AutoMARK ESS Operations and Diagnostic Log Specs AQS-18-5002-004-S
AutoMARK Programming Specifications Details	6	04-08-10	AutoMARK ESS Programming Specifications Details AQS-18-5001-011-R
AutoMARK Software Design Specification	7	04-08-02	AutoMARK ESS Software Design Spec AQS-18-5001-004-S
Software Design and Specifications Overview AutoMARK Voter Assist Terminal (VAT) Firmware Version Number 1.8	--	04-08-13	AutoMARK ESS Software Design Spec Overview
AutoMARK Software Development Environment Specification	5	04-08-03	AutoMARK ESS Software Development Environment AQS-18-5001-006-R
AutoMARK Software Diagnostic Specifications	5	04-08-05	AutoMARK ESS Software Diagnostics Specifications AQS-18-5000-004-F
AutoMARK Software Standards Specification	5	04-08-11	AutoMARK ESS Software Standards Specification AQS-18-4000-000-S
Electionware04_PostgreSQL Table and Field Descriptions	--	04-02-01	EVS5220_D_SDS00_Electionware04_PostgreSQL Table and Field Descriptions (folder)
Electionware	--	--	election_ware_4_7_1_1
Electionware Admin	--	--	election_ware_admin_4_7_1_1
System Test/Verification Specification			
System Test Plan	1.0	05-01	EVS5220_QA_D_0500_SysTestPlan
Usability Test Reports	--	--	UsabilityTestReports (folder)
Common Industry Format Usability Test Report – ExpressVote 1.0	N/A	05-02-01	EVOTE_1'0_D_CIFRpt
Common Industry Format Usability Test Report – AutoMARK 1.8.7.0	1.x	05-02-02	AMVAT_1'X_D_CIFRpt
Common Industry Format Usability Test Report – DS200 1.2.1	1.2.1	05-02-03	DS200_1'2'1_D_CIFRpt

D.1   EVS 5.2.2.0 TECHNICAL DATA PACKAGE (Continued)

Table D-1. EVS 5.2.2.0 TDP (Continued)

System Security Specification			
Voting System Security Specification	1.3	06-01	EVS5220_CM_SPC00_SysSecuritySpec
Security Script Description	1.1	06-05	EVS5220_CM_SPC02_SecScriptDesc
EMS Client Workstation Secure Setup & Configuration Guide	1.3	06-02	EVS5220_CM_SPC_ClientWorkstationSetupConfigGuide
EMS Server Secure Setup & Configuration Guide	1.3	06-03	EVS5220_CM_SPC_EMSServerSetupConfigGuide
Standalone EMS Workstation Secure Setup & Configuration Guide	1.3	06-04	EVS5220_CM_SPC_StandaloneWorkstationSetupConfigGuide
AutoMARK System Security Specifications	7	06-06	AutoMARK ESS System Security Specification AQS-18-5002-001-S
Validation Procedures and Scripts	--	06-07	01_ValidationProcedures&Scripts (folder)
Verification Procedure: Election Management System	1.1	06-07-01	EVS5220_CM_D_2010_EMSVerificationProcedure
Verification Procedure: AutoMARK Ballot Marking Device	1.1	06-07-02	EVS5220_CM_D_2021_AutoMARKVerificationProcedure
Verification Procedure: DS850 Central Scanner & Tabulator	1.1	06-07-03	EVS5220_CM_D_2050_DS850VerificationProcedure
Verification Procedure: DS450 Central Scanner & Tabulator	1.1	06-07-04	EVS5220_CM_D_2060_DS450VerificationProcedure
Verification Procedure: DS200 Precinct Scanner & Tabulator	1.1	06-07-05	EVS5220_CM_D_2070_DS200VerificationProcedure
Verification Procedure: ExpressVote Universal Voting System	1.1	06-07-06	EVS5220_CM_D_2081_ExpressVoteVerificationProcedure
			EVS 5.2.2.0 - Verification Pack (folder)
Validation File Lists	--	06-08	02_ValidationFileLists (folder)
Validation File List: Electionware	1.1	06-08-01	EVS5220_D_L01_StaticDynamicFileList_Electionware
Validation File List: ExpressVote	1.1	06-08-02	EVS5220_D_L02_StaticDynamicFileList_ExpressVote
Validation File List: DS450	1.1	06-08-03	EVS5220_D_L03_StaticDynamicFileList_DS450
Validation File List: DS200	1.0	06-08-04	EVS5220_D_L04_StaticDynamicFileList_DS200
Validation File List: DS850	1.0	06-08-05	EVS5220_D_L05_StaticDynamicFileList_DS850
Validation File List: AutoMARK	1.1	06-08-06	EVS5220_D_L06_StaticDynamicFileList_AutoMARK
Validation File List: ERM	1.1	06-08-07	EVS5220_D_L08_StaticDynamicFileList_ERM
Validation File List: ExpressVote Previewer	1.0	06-08-08	EVS5220_D_L11_StaticDynamicFileList_ExpressVotePreviewer
Validation File List: ELS	1.0	06-08-09	EVS5220_D_L15_StaticDynamicFileList_ELS
Validation File List: RMS	1.0	06-08-10	EVS5220_D_L16_StaticDynamicFileList_RMS
Validation File List: VATPreviewer	1.1	06-08-11	EVS5220_D_L19_StaticDynamicFileList_VATPreviewer

EVS 5.2.2.0 TECHNICAL DATA PACKAGE (Continued)

Table D-1. EVS 5.2.2.0 TDP (Continued)

System Operations Procedure			
AutoMARK System Operator's Guide	1.0	07-01	EVS5220_DOC_SOP_AMVAT
DS200 Operator's Guide	1.3	07-02	EVS5220_DOC_SOP_DS200
DS200 Operator's Guide Appendices	1.0	07-02-03	EVS5220_DOC_SOP_DS200_APPX
DS450 Operator's Guide	1.7	07-03	EVS5220_DOC_SOP_DS450
DS450 Operator's Guide Appendices	1.0	07-03-01	EVS5220_DOC_SOP_DS450_APPX
DS850 Operator's Guide	1.3	07-04	EVS5220_DOC_SOP_DS850
DS850 Operator's Guide Appendices	1.0	07-04-01	EVS5220_DOC_SOP_DS850_APPX
EVS Event Logging Service User's Guide	1.0	07-05	EVS5220_DOC_SOP_ELS
Election Reporting Manager User's Guide	1.1	07-06	EVS5220_DOC_SOP_ERM
Election Reporting Manager User's Guide Appendices	1.0	07-06-01	EVS5220_DOC_SOP_ERM_APPX
ElectionWare Vol. I: Administrators Guide	1.4	07-07	EVS5220_DOC_SOP_EW01Admin
ElectionWare Vol. II: Define User Guide	1.1	07-08	EVS5220_DOC_SOP_EW02Define
ElectionWare Vol. III: Design User Guide	1.3	07-09	EVS5220_DOC_SOP_EW03Design
ElectionWare Vol. IV: Deliver User Guide	1.1	07-10	EVS5220_DOC_SOP_EW04Deliver
ElectionWare Vol. V: Results User Guide	1.0	07-11	EVS5220_DOC_SOP_EW05Results
ElectionWare Vol. VI: Appendices	1.0	07-11-01	EVS5220_DOC_SOP_EW06Appendix
ExpressVote Operator's Guide	1.2	07-12	EVS5220_DOC_SOP_ExpressVote
ExpressVote Operator's Guide Appendices	1.0	07-12-01	EVS5220_DOC_SOP_ExpressVote_APPX
System Maintenance Manuals			
AutoMARK System Maintenance Manual	1.0	08-01	EVS5220_DOC_SMM_AMVAT
DS200 Maintenance Manual	1.1	08-02	EVS5220_DOC_SMM_DS200
DS450 Maintenance Manual	1.4	08-03	EVS5220_DOC_SMM_DS450
DS850 Maintenance Manual	1.2	08-04	EVS5220_DOC_SMM_DS850
ExpressVote Maintenance Manual	1.1	08-05	EVS5220_DOC_SMM_ExpressVote
Personnel Deployment and Training			
Personnel Deployment and Training Program	1.1	09-01	ESSSYS_T_D_0900_TrainingProgram
Configuration Management Plan			
Configuration Management Program	2.1	10-01	ESSSYS_CM_P_1000_CMProgram
Technical Documentation Program	1.0	10-02	EVS5220_DOC_P_1000_TDProgram
QA Program			
Manufacturing Quality Assurance Program	1.2	11-01	ESSSYS_M_P_1100_MNFQualityAssurancePlan
Software Quality Assurance Program	1.2	11-02	ESSSYS_QA_P_1100_SWQAProgram
System Change Notes			
System Change Notes	1.8	12-01	EVS5220_DOC_D_1200_ChangeNotes
System Change Notes with QA Test Notes	1.6	12-02	EVS5220_DOC_D_1200_ChangeNotes_QA
Attachments			
Ballot Production Guide for EVS	2.6	13-01	ESSSYS_DOC_SOP_BPG