



Help America
Vote Act
HAVA

2005 IOWA HAVA Voting Systems Master Contract Pricing List

Released May 16, 2005

2005 IOWA HAVA Voting Systems Master Contract Pricing List

The HAVA Voting Systems Master Contract Pricing List sets the maximum amount reimbursable to counties for voting systems and the system components.

A maximum allocation for each county has been determined and approved by the HAVA Advisory Committee and Secretary of State. The allocation table is attached. The amount indicated is the maximum amount reimbursable to the county for voting system purchases and upgrades. The formula sets a minimum amount for county size ranges, takes into account the number of registered voters and limits the allocation to a maximum of \$12,000 per precinct. A county seeking to further reduce compliance costs may wish to consider consolidating precincts, as the formula amount is fixed.¹

Purchasing voting systems is the responsibility of county supervisors. See Iowa Code section 52.2. For the purposes of this program, the SOS in conjunction with the Department of Administrative Services has obtained pricing for a state master contract for several types of voting systems and allow counties to purchase off of the state master contract. The prices included in this document represent the prices bid by vendors for the state's master contract. At the time of release the contracts with individual vendors had not been negotiated. Counties may also elect to purchase directly from vendors using the respective county equipment purchase process.

Only those systems that are certified for use in Iowa have been tested and are compliant with Iowa Code section 52.5 (the 2002 standards) are eligible for funding through this program. A system that has not been certified by the Iowa Board of Examiners may be included in the master contract pricing, but the vendor must provide proof that the system is in the ITA testing process² and the system must be certified by the Examiners before a county may enter into a contract to purchase the voting system or the contract with the vendor must be contingent upon Iowa certification.

¹ Counties may change precinct boundaries to save election costs if the following conditions are met: the supervisors have not made changes to the township boundaries since reprecincting in 2001, the changes are made before June 30, 2011, and the county commissioner of elections recommends and the supervisors find that the change will effect a substantial savings in election costs. *Changes to precincts must be made by February 27, 2006, unless the changes will not take effect until January 1, 2007.* All changes must be approved by the state commissioner of elections. See Iowa Code sections 49.3, 49.4, 49.8(1) and 49.8(6).

² The ITA is an independent test authority that tests systems against the 2002 Voting System Standards and is approved by NASED (National Association of State Election Directors).

The certification of voting systems is a priority for the Voter Services Division and the process will be completed as quickly as possible. Components that are certified are designated with an * behind the system name. Additionally, a list of certified system eligible for HAVA reimbursement is available on the Secretary of State's website under HAVA in the auditor's section.

In addition to the voting system costs quoted in this document, counties should also evaluate the ongoing costs associated with the equipment. Such costs could include: ballot printing, ballot preparation, ongoing service agreements, and software licensing costs.

2005 IOWA HAVA Voting Systems Master Contract Pricing List

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Vendor Cost Proposals

ACCUPOLL INC
15101 Red Hill Ave., Suite 220
Tustin, CA 92780
949-200-4000
www.accupoll.com

EQUIPMENT

Direct Recording Electronic: AVS-1000-B1

Includes: All supplies, keys power cord, data cards (such as PCMCIA cards), voting booths, backup batteries, chargers, operations manuals, maintenance manuals, poll worker instructions, firmware required to operate the equipment, and any other materials or manuals required to operate the equipment. AccuPoll DRE Voting System 2.5 software and Absentee Ballot Software also included. In addition, accessible DREs shall include headphones, keypads, or any other component necessary to use the accessible device.

Cost:

Non-accessible: \$3,688

Accessible: \$3,813

Discounts: 500: Less 10%, 1000: Less 10%, 5000: Less 15%

Required Items:

VAW (Control Unit):	\$2,150	Network Kit:	\$150
Go Vote Keys:	\$2.95	Precinct Cart:	\$300
Server:	\$3,000	Accessibility Kit:	\$125
Central Count Server (County Size Dependent):	\$25,000		

Optional Items:

Absentee Ballot System (County Size Dependent):	\$25,000	Network UPS Kit:	\$75
Cross Over Kit:	\$75	Central Vote Consolidator:	\$1,200
Consumables (CE's, paper, ink, seals):	\$TBA	Printer:	\$500

Annual Maintenance Agreement: AVS: \$222 VAW: \$129

TRAINING

Training: Fully Loaded Poll Worker Training: (See Appendix A for description of training.)

Cost: \$ 89.40 per class

Note: Additional Classes are \$89.40 per hour

Training: Fully Loaded Additional Election Official Training:

Cost \$715.20 (additional election official training)

DIEBOLD
1611 Wilmeth Road
McKinney, TX 75069
Local Sales Representative: Lesley Koop (Matt Parrot & Sons)
1-800-433-8683 ext 122
www.diebold.com

EQUIPMENT

Precinct Count Optical Scanner: AccuVote-Optical Scan 1.96.6

Includes: All supplies, keys, power cords, data cards (such as PCMCIA cards), operations manuals, maintenance manuals, poll worker instructions, firmware required to operate the equipment, and any other materials or manuals required to operate the equipment. Core package includes AVOS unit, AVOS Ballot Box, AVOS Memory Card, and AVOS Carry Case.

Cost: \$5,250

Discounts:

101-200 units: \$4,995

201+ units: \$4,800

Note: Orders can be combined to reach next price break level if submitted at the same time.

Required Items:

OS Software License: \$100

Optional Items:

AccuVote Optical Scan unit w/out ballot box:	\$4,000	Internal Modems:	\$225
AccuVote Optical Scan Ballot Box:	\$1,200	Carry Case:	\$91
Installed wheels and handles – Ballot Box:	\$125	AccuFeed with Cassette:	\$4,275
Custom Fitted Canvass Carrying Case:	\$91	Internal Battery:	\$25
Optical Scan Accumulator Adapter:	\$75	ROM Set:	\$50
Ballot Voting Booths:	\$96 - \$215.50	Clock Chip:	\$35
Extra 128 KB memory cards:	\$225	Tag for Carry Case:	\$2
Ballot Transfer Bag:	\$35	Ender Card Ballots (25):	\$15
Secrecy Sleeves 11” lipped (10):	\$35.40	Pens (12):	\$5
Secrecy Sleeves 14” lipped (10):	\$44.30	Printer Ribbon (10):	\$60
Secrecy Sleeves 18” lipped (10):	\$55	Paper Rolls (10):	\$10
Seals, Numbered, Spring Locked:	\$13		

Annual Maintenance Agreement Cost per device: \$150

Annual Firmware License Cost Per Device: \$5

Diebold

Direct Record Electronic: AccuVote – TSX

Versions: 4.5.2, 4.6.1

Includes: All supplies, keys, power cord, data cards (such as PCMCIA cards), voting booths, backup batteries, chargers, operations manuals, maintenance manuals, poll worker instructions, firmware required to operate the equipment, and any other materials or manuals required to operate the equipment. In addition, accessible DREs shall include headphones, keypads, or any other component necessary to use the accessible device. AVTSX Core Package includes AVTSX unit and AVTSX memory card.

Cost: \$3,150

Discounts:

126-325 units:	\$3,050	326-550 units:	\$3,000	551-1000 units:	\$2950
1001-2000 units:	\$2900	2001-3000 units:	\$2,850	3,000+ units:	\$2,800

Note: Orders may be combined to reach the next price break level if submitted at the same time.

Required Items:

TS Software License: \$100

Optional Items:

AccuView Printer Module (VVPT):	\$350	Extra 128 KB Memory Cards:	\$155
AccuView Printer Module Security Canister:	\$10	Internal Battery:	\$25
PCMCIA Modem Card, 128MB:	\$175	Voter Access Cards:	\$3.50
Precinct Voter Card Encoder:	\$395	Supervisor Cards:	\$8
ADA kit (Head Set and Keypad):	\$320	Security Card:	\$5
Voting Booth Enclosure:	\$200		

Annual Maintenance Agreement Cost Per Device: \$95

Annual Firmware License Cost Per Device: \$5

SOFTWARE

Software: GEMS 1.18.24

Function: Election Management Software for Election Setup including Ballot Production, Voting System Programming, and Election Night Reporting.

Includes: Training necessary to use the software

Cost:

Partial Software:

GEMS Licensing Fee (upload only) with Ballot Programming provided by DESI:

Including: Election Management Software for Election Setup including Ballot Production, Voting System Programming, and Election Night Reporting

	Cost	License Fee After One Year
0-40 precincts:	\$35,000	\$6,300
41-60 precincts:	\$40,000	\$7,200
61-80 precincts:	\$45,000	\$8,100
81-100 precincts:	\$50,000	\$9,000
101-500 precincts:	\$60,000	\$10,800
501+ precincts:	\$250,000	\$45,000

Full Software:

GEMS Licensing Fee:

Including: Election Management Software for Election Setup including Ballot Production, Voting System Programming, and Election Night Reporting. No Ballot Programming

	Cost	Licensing Fee After One Year
0-40 precincts:	\$55,000	\$6,300
41-60 precincts:	\$65,000	\$7,200
61-80 precincts:	\$75,000	\$8,100
81-100 precincts:	\$85,000	\$9,000
101-200 precincts:	\$115,000	\$10,800
201-500 precincts:	\$175,000	\$21,600
501+ precincts:	\$400,000	\$45,000

Optional Items:

	Cost	Licensing Fee After One Year
Set-up fee for development of an export file: \$500 Function: converts election data to an ASCII file for export		
Key Card Tool: Function: Security Package	\$10,000	\$1,800
VC Programmer: Function: Create Voter Cards	\$5,000	\$900

Diebold

TRAINING

Training: Election Staff Training-Diebold Facility in Ohio (up to 4 students, travel and living expenses not included)

Cost: 2 Day Course: \$1,040 3 Day Course: \$1,490
5 Day Course: \$2,390

Training: Election Staff Training- Held at Customer Facility (up to 4 students):

Cost: 2 day course: \$2,440 3 day course: \$3,590
5 day course: \$5,890

Note: equipment rental and/or shipping charges will be extra and would be quoted at time of order. Customer agrees to provide LCD projector and white board and to reimburse trainer's actual travel expenses.

Training: Poll Worker training, Precinct Chair Training at Customer Facility

Cost: 3hr course (up to 30 students): \$20 per student (\$1,200 minimum)

Training: Acceptance Testing/ Warehouse Training

Cost: 1 day course, at Customer-provided facility (up to 20 students): \$75 per student (\$1,200 minimum)

SERVICE & SUPPORT

Technical Support, On-site Daily Rate: \$1200

Includes: Acceptance Testing, Logic and Accuracy, Server Configuration

Project Management Services, On-site Daily Rate: \$1,500

Ballot Programming Services: 1-10 precincts: \$300 11+ precincts: \$250

Note: Includes Audio creation, Five Precinct Minimum, or \$1500, applies.

Election Day Support (minimum 3 days): \$3,600 per Election

Additional days: \$1,200 per day

Election Day Field (precinct) Support: \$1,750 per Field Technician

Includes: all day coverage (pre-poll opening through closing by trained mobile support) technician and communication device

Note: For all Service & Support services portal to portal expenses will be added as incurred

Diebold

Optional Items:

Complete system Operation Manual:	\$65
Server (Dell PowerEdge 2600, 2.4GHz/512K) ³	\$21,686
Ballot on Demand Printer:	\$10,000
2 Voter Training Videos (3 min) ⁴	\$4,000
2 Voter Training Videos (1 min)(See footnote 4)	\$3,000
2 Precinct Election Officials Training Videos (30 min) (See footnote 4)	\$12,000
2 County Election Board Training Video (30 min) (See footnote 4)	\$12,000

DESI Rental:

AccuVote-OS	\$750 per election
AccuVote-TS	\$750 per election

Note: Price of server may change due to customer's specifications/requirements

³ Includes: Operating Software monitor, DIGI server, report printer, etc.

⁴ Video costs cover production and master creation. Two revision cycles are included. The above costs are based on in-house shoots (non-remote)

ELECTIONS SYSTEMS & SOFTWARE

11208 John Galt Boulevard

Omaha, NE 68137

Local Sales Representative: Dan Erker

402-593-0101

dferker@essvote.com

www.essvote.com

EQUIPMENT

Precinct Count Optical Scanner: Model 100 Precinct Scanner 5.1.0.0*

Includes: All supplies, keys, power cord, data cards (such as PCMCIA cards), ballot boxes, operations manuals, maintenance manuals, poll worker instructions, firmware required to operate the equipment, and any other materials or manuals required to operate the equipment.

Cost: \$4,950

Optional Items:

Voting Booths (M -Gemini VI w/ Lamp):	\$215
Modem (Landline):	\$200
Voting Booths (M –Gemini VI Accessible w/ Lamp):	\$245
Omni Drive:	\$600
Soft-Sided Carrying Case:	\$70
Security Lids (additional):	\$57
PCMCIA Cards (additional):	\$90
Ballot Box (additional):	\$800
Manuals (Operator's, Maintenance, Quick Start):	\$25
Installation:	\$90
Shipping and Handling:	Varies

Annual Maintenance Agreement Cost Per Device:

Break/Fix Depot Repair Program: \$100 Preventative Maintenance Program: \$195

Annual Firmware License Fee Per Device: \$30

* Indicates the equipment has been qualified under the 2002 Voting System Standards and also certified for use in Iowa by the Board of Examiners for Voting Machines and Electronic Voting Systems.

Elections Systems & Software

Central Count Optical Scanner: Model 650 High Speed Scanner 2.0.1.0*

Includes: All supplies, keys, power cord, data cards, ballot boxes, operations manuals, maintenance manuals, poll worker instructions, firmware required to operate the equipment, and any other materials or manuals required to operate the equipment.

Cost: \$45,000

Optional Items:

Ballot Jogger:	\$500	Ballot Transfer Boxes:	\$128
Manuals (Operator's and Maintenance):	\$25	Shipping and Handling:	Varies
Installation:	\$650		

Annual Maintenance Agreement Cost Per Unit: \$2,600

Annual Firmware License Fee Per Unit: \$295

* Indicates the equipment has been qualified under the 2002 Voting System Standards and also certified for use in Iowa by the Board of Examiners for Voting Machines and Electronic Voting Systems.

Direct Recording Electronic: iVotronic 15” Terminal 9.0.0.0*

Includes: All supplies, keys, power cord, data cards (such as PCMCIA cards), voting booths, backup batteries, chargers, operations manuals, maintenance manuals, poll worker instructions, firmware required to operate the equipment, and any other materials or manuals required to operate the equipment. In addition, accessible DREs shall include headphones, keypads, or other components necessary to use the accessible device.

Cost:

Non-Accessible Device: \$2,995 Accessible Device: \$3,495

Optional Items:

Supervisor Terminal (includes PEB, 128mb Flashcard, Power Cord and Supply):	\$2,795
Communication Pack with Modem:	\$1,200
Printer Pack:	\$800
Personal Electronic Ballot Reader (PEB):	\$350
128mb Flashcard (additional):	\$70
Personal Electronic Ballot (additional):	\$75
Real Time Audit Log (RTAL) Receipt Printer:	\$750
Poll Worker Manual:	\$25
Installation:	\$55
Shipping & Handling:	Varies

Annual Maintenance Agreement Cost Per Device:

Break/Fix Depot Repair Program: \$55 Preventative Maintenance Program: \$95

Annual Firmware License Cost Per Device: \$30

* Indicates the equipment has been qualified under the 2002 Voting System Standards and also certified for use in Iowa by the Board of Examiners for Voting Machines and Electronic Voting Systems.

Ballot Marking Device: ES&S AutoMark Voter Assist Terminal 1.0.0.0

Includes: All supplies, keys, power cord, data cards, operation manuals, maintenance manuals, poll worker instructions, firmware required to operate the equipment, and any other materials or manuals required to operate the equipment.

Cost: \$5,000

Optional Items:

Table for ES&S AutoMARK (additional):	\$450	Ink Cartridge (additional):	\$30
256mb Flashcard (additional):	\$90	Installation:	\$105
Shipping and Handling:	Varies		

Annual Maintenance Agreement Cost Per Device:

Break/Fix Depot Repair Program: \$145

Preventative Maintenance Program: \$280

Annual Firmware License Cost Per Device: \$30

SOFTWARE

Software:	Cost:	Annual License Fee After One Year:
Unity-EDM* 7.3.0.0: Function: Election Data Manager	\$13,600	\$2,250
Unity-EDM Online 7.3.0.0: Function: Election Data Manager-On Line	\$500	\$200
Unity-BIM* 7.3.0.0: Function: Ballot Image Manager	\$11,100	\$1,800
Unity-HPM* 5.1.0.0: Function: Hardware Programming Manager	\$21,100	\$3,600
Unity-DAM* 6.0.0.0: Function: Data Acquisition Manager	\$3,600	\$450
Unity-ERM* 7.0.0.0: Function: Election Reporting Manager	\$9,100	\$1,440
Unity-BOD* 7.3.0.0: Function: Ballot On Demand	\$6,100	\$900
Unity-iVIM* 7.3.0.0: Function: iVotronic Image Manager	\$13,600	\$2,250

Note: Price includes training necessary to use the software component

* Indicates the equipment has been qualified under the 2002 Voting System Standards and also certified for use in Iowa by the Board of Examiners for Voting Machines and Electronic Voting Systems.

TRAINING

Training: Additional Election Official Training (includes travel and expenses) or Train the Trainer Classes (includes travel and expenses) (See Appendix A for description of training.)

Cost: \$1,100 Per Day

Training: Poll Worker

Cost: \$2,200 Per Class

MICROVOTE GENERAL CORPORATION

6366 N. Guilford Ave

Indianapolis, IN 46220

Local Sales Representative: Steve Shamo

317-254-3269

sshamo@microvote.com

EQUIPMENT

Direct Recording Electronic: MicroVote Infinity VP1 2.13

Includes: All supplies, keys, power cord, data cards (such as PCMCIA cards), voting booths, backup batteries, chargers, operations manuals, maintenance manuals, poll worker instructions, firmware required to operate the equipment, and any other materials or manuals required to operate the equipment. Accessible DREs shall include headphones, keypads, or any other component necessary to use the accessible device.

Cost:

Non-Accessible: \$3,179

Accessible: \$3,779

Required Items:

Mandatory Precinct Kit (Includes Double Talk ADA Converter, Headphones, Precinct Printer, and Bag): \$600

SOFTWARE

Full Software:

Software: EMS v 3.0.0

Function: Complete programming, ballot loader, tally, and reporting software

Cost: \$41,324

Annual License Fee Ongoing after One Year: \$5,500

Partial Software:

Software: EMS v 3.0.0

Function: Ballot loader, tally, and reporting software

Cost: \$23,324

Annual License Fee Ongoing After One Year: \$2,750

Includes: Gems Plus Card Readers (2), Laser Jet Printer, Chatsworth Absentee Card Scanners (2), Computer Workstation or Laptop, and all necessary cables

Microvote

TRAINING

Training: EMS Software or Precinct Worker Training (after two countywide elections)

Cost: \$1,000 Per Day

Note: Complete training of office staff and all poll worker classes for two countywide elections is included in initial machine cost

SEQUOIA VOTING SYSTEMS

7677 Oakport Street

Oakland, CA 94621

Local Sales Representative: Lee Storbeck (Command Central)

Office: 320-259-7027

www.sequoiavote.com

EQUIPMENT

Precinct Count Optical Scanner: Optech Insight

Versions: HPX.K.K1.40, 021030.1110, APX.K2.06.0211108.1600, CPX.J/K1.12.020412.1100

Includes: All supplies, keys, power cords, data cards (such as PCMCIA cards), ballot boxes, operations manuals, maintenance manuals, poll worker instructions, firmware required to operate the equipment, and any other material or manuals required to operate the equipment.

Cost: \$4,800

Optional Items:

Modem:	\$500	Voting Booths (with lights):	\$199.50
Battery:	\$100	Battery Charger:	\$130
Memory Pack Reader:	\$4,500	Additional Memory Pack:	\$250

Annual Maintenance Agreement Costs: Optech Insight: \$260 Memory Pack Reader: \$25
Maintenance Start Date: 2007

Central Count Optical Scanner: Optech 400 C 1.10.5

Includes: All supplies, keys, power cords, data cards (such as PCMCIA cards), ballot boxes, operations manuals, maintenance manuals, poll worker instructions, firmware required to operate the equipment, and any other material or manuals required to operate the equipment.

Cost: \$85,000

Annual Maintenance Agreement Costs: \$6,000
Maintenance Start Date: 2007

Direct Recording Electronic: Edge II with 15” Screen 5.0 and Edge II with Audio Voting Hand Control and Head Set 5.0

Includes: All supplies, keys, power cords, data cards (such as PCMCIA cards), ballot boxes, operations manuals, maintenance manuals, poll worker instructions, firmware required to operate the equipment, and any other material or manuals required to operate the equipment. Accessible DREs include headphones, keypads, or any other component necessary to use the accessible device.

Cost:

Edge II 5.0 with 15” Screen: \$3,200
Edge II 5.0 with Audio Voting Hand Control Head Set: \$3,450

Optional Items:

Voter Verified Paper Trail Attachment:	\$1,000	Card Activator:	\$700
Head Set and Keypad:	\$250	Activation Cards (additional):	\$3
Results Cartridge (additional):	\$150	Voter Simulation Cartridge:	\$150
Cover and Wheels:	\$150		

Annual Maintenance Agreement Cost: \$150
Maintenance Start Date: 2007

SOFTWARE

Full Software:

Software: WinEDS, AERO, EMS
Function: Programming, Tally, Reporting
Cost: \$150,000
Ongoing Annual License Fee After One Year: \$22,500

Partial Software:

Software: Limited Version – WinEDS, AERO, EMS
Function: Tally and Reporting
Cost: \$25,000

Annual License Fee After One Year: \$5,000

Side-by-Side Voting System Comparisons

DRE and Accessible DRE Side-by-Side Comparison

	AccuPoll	Diebold	ES&S*	Microvote	Sequoia
DRE	\$3,688.00	\$3,150.00	\$2,995.00	\$3,179.00	\$3,200.00
Accessible DRE	\$3,813.00	\$3,470.00	\$3,495.00	\$3,779.00	\$3,450.00
Modem		\$175.00	\$1,200.00		N/A
VVPAT	Included	\$360.00	\$750.00 (not certified)		1,000
Server	\$3,000.00				
Voter Cards/Key/PEB	\$2.95	\$3.50	\$75.00		\$3.00
Quantity Discounts	Yes ⁵	Yes ⁶			
PEB Reader			\$350.00		
Printer	\$500.00		\$800.00		
Encoder Unit	\$2,150.00 /precinct	\$395.00 /precinct	\$2,795/county		\$700.00 /precinct
Annual Maintenance	DRE \$222.00 Precinct Unit \$129.00	\$95.00	\$55.00/\$95.00 ⁷	N/A	\$150.00 starting in 2007
Firmware License Cost per Year	Included	\$5.00	\$30.00	N/A	None
Required Software		\$100.00			

⁵ Quantity pricing discount on DRE unit, 500 units less 10%, 1000 units less 10%, 5000 units less 15%.

⁶ 1-125 \$3,150; 126-325 \$3050; 326-550 \$3,000; 551-1000 \$2,950; 1001-2000 \$2,900; 2001-3000 \$2,850; 3001+ \$2,800.

⁷ First price break/fix repair program under which ES&S will repair or replace any component of the equipment, while under normal use and service, (a) fails to perform in accordance with its documentation in all material respects, or (b) is defective in material or workmanship. The equipment must be sent to location designated by ES&S, customer is responsible for freight to and from the repair location, repairs as a result of negligent care are not covered. The second price for the preventative maintenance program, that includes on-site annual routine maintenance services: includes cleaning, lubrication, and calibration services. This also includes on-site remedial maintenance services: if a defect or malfunction occurs in any product while it is under normal service ES&S shall use reasonable efforts to restore the product to normal working condition as soon as practicable. The remedial maintenance extended warranty provides that ES&S will repair or replace any component of our proprietary equipment or software which, while under normal use and service, a) fails to perform in accordance with its documentation in all material respects, or b) is defective in material or workmanship.

Precinct Count Optical Scan Units Side-by-Side Comparison

	Diebold ⁸	ES&S*	Sequoia
Precinct Scanner	\$5,250.00	\$4,950.00	\$4,800.00
Modem	\$225.00	\$200.00	\$500.00
Carrying Case	Included	\$70.00	
Annual Maintenance Cost	\$150.00	\$100.00/\$195.00 ⁹	\$260.00 (starting 2007)
Annual Firmware Cost	\$5.00	\$30.00	None
Memory Pack Reader			\$250.00
Battery	\$25.00		\$100.00
Battery Charger			\$130.00
Required Software	\$100.00		

Ballot Marking Device

	ES&S
Ballot Marking Device	\$5,000.00
Table for Ballot Marking Device	\$450.00 (additional)
Annual Maintenance Cost	\$145.00/\$280.00 ¹⁰
Annual Firmware License Cost	\$30.00

⁸ Quantity discounts available: 1-100 \$5,250; 101-200 \$4,995; 201+ \$4,800.

⁹ First price break/fix repair program under which ES&S will repair or replace any component of the equipment, while under normal use and service, (a) fails to perform in accordance with its documentation in all material respects, or (b) is defective in material or workmanship. The equipment must be sent to location designated by ES&S, customer is responsible for freight to and from the repair location, repairs as a result of negligent care are not covered. The second price for the preventative maintenance program, that includes on-site annual routine maintenance services: includes cleaning, lubrication, and calibration services. This also includes on-site remedial maintenance services: if a defect or malfunction occurs in any product while it is under normal service ES&S shall use reasonable efforts to restore the product to normal working condition as soon as practicable. The remedial maintenance extended warranty provides that ES&S will repair or replace any component of our proprietary equipment or software which, while under normal use and service, a) fails to perform in accordance with its documentation in all material respects, or b) is defective in material or workmanship.

¹⁰ See footnote above.

Central Count Optical Scanner/Absentee Ballot Systems Side-by-Side Comparison¹¹

	AccuPoll	ES&S*	Sequoia
Central Count		\$45,000.00	\$85,000.00
Ballot Jogger		\$500.00	
Ballot Transfer Boxes		\$128.00	
Annual Maintenance Cost		\$2,600.00	\$6,000.00 (starting 2007)
Annual Firmware License Cost		\$295.00	
Absentee Ballot System	\$25,000		

¹¹ Diebold indicates that the precinct count optical scan system should be used for central count.

Software Costs Side-by-Side Comparison¹²

	AccuPoll	Diebold	ES&S*	Microvote	Sequoia
Entire Software Package	Included	\$55,000.00/ \$6,300.00 ¹¹	See Table Below	\$41,324.00/ \$5,500.00	\$150,000.00 /\$22,500.00
Tally & Reporting Package	N/A	\$35,000.00/ \$6,300.00 ¹³	See Table Below	\$23,324.00/ \$2,750.00	\$22,500.00/ \$5,000.00

Election Systems & Software:

Unity-EDM* 7.3.0.0:	\$13,600	\$2,250
Function: Election Data Manager		
Unity-EDM Online 7.3.0.0:	\$500	\$200
Function: Election Data Manager-On Line		
Unity-BIM* 7.3.0.0:	\$11,100	\$1,800
Function: Ballot Image Manager		
Unity-HPM* 5.1.0.0:	\$21,100	\$3,600
Function: Hardware Programming Manager		
Unity-DAM* 6.0.0.0:	\$3,600	\$450
Function: Data Acquisition Manager		
Unity-ERM* 7.0.0.0:	\$9,100	\$1,440
Function: Election Reporting Manager		
Unity-BOD* 7.3.0.0:	\$6,100	\$900
Function: Ballot On Demand		
Unity-iVIM** 7.3.0.0:	\$13,600	\$2,250
Function: iVotronic Image Manager		
Note: Price includes training necessary to use the software component		

¹² The first number represents the software cost and the second number represents the annual ongoing license fee.

¹¹ For more than 40 precincts see the vendors detailed pricing sheet.

* Indicates the equipment has been qualified under the 2002 Voting System Standards and also certified for use in Iowa by the Board of Examiners for Voting Machines and Electronic Voting Systems.

Training Costs Side-by-Side Comparison

	AccuPoll	Diebold	ES&S	Microvote	Sequoia
Per poll worker training	\$89.40	\$20.00/student \$1,200.00 minimum	\$2,200.00	Included ¹⁴	
Hourly election staff training	\$89.40				
Daily election staff training	\$715.20	\$2,440.00 for 2 day course	\$1,100.00	\$1,000.00	
Train the trainer classes			\$1,100.00		
Daily Additional Poll Worker Training				\$1,000.00	
Travel & Expenses Included	Yes	No	Yes		

¹⁴ The complete training of election staff and all poll worker classes for two countywide elections is included in the initial machine costs.

Appendix A: Poll Worker Training Components

The poll worker training component shall be priced separately in Exhibit A under the training section. The Vendor shall also conduct 2-hour precinct official training sessions. The sessions shall include no more 25-30 precinct officials per session. The Vendor shall also conduct a follow up 2-hour training session for precinct chairs with no more than 12-15 precinct chairs per session. The county election officials will work with the Vendor to schedule training sessions. Precinct official training shall address but not be limited to:

- Operation of the voting device from start to finish
- Printing of zero counts before the poll open
- Opening the polls
- Assisting voters who require help while in the voting process
- Troubleshooting methods to quickly identify and resolve problems
- Immediate determination of device problems
- Using the battery back up during electrical failure
- Closing the polls and producing results in any of the methods available for that particular device
- Proper operation and security for election transmission of election results (if applicable)