



New Yorkers for Verified Voting

Current Indicators of Acquisition Costs for Voting Machines in New York

*Prepared December 2007 by New Yorkers for Verified Voting
on the Basis of Bids to New York State and Suffolk County*

Preface: It has been difficult for election officials as well as for election integrity activists to maintain a rough sense of the costs for new voting systems for New York. The situation is famously in flux. Some machines favored early in the process, cannot now be considered under New York regulations. New equipment is in development, as companies hope for certification. The market for both systems authorized in New York (directing recording electronic [DREs] and paper ballot scanners [PBOS]) is changing. It is increasingly hard to predict the kinds of contracts that may be negotiated by the state procurement services. Nevertheless, it is important to have some “ball-park” estimates of both acquisition and operating costs. Outlined below are indications of current initial costs that HAVA funds might cover. “The Gift That Will Keep On Costing: Operating Expenses and New York’s New Voting Machines” is being published simultaneously in order to estimate the on-going costs that will be born by county budgets.

AVANTE DRE

Initial per unit cost (42” screen) = \$ 8,900.00 w/o accessibility devices.
\$ 9,220.00 with “ “
Initial software licensing fee = \$ 600.00 per unit

Consumables: CD-R for Ballot images, Thermal Paper Roll , disposable supplies for accessibility, smart cards (approximately per machine, rough estimate)
\$ 25.00

Central Election Management Hardware would require initial costs for
1-2 additional computers in each jurisdiction = approximately \$5000
Ballot access card encoder = \$200.00
Election Management software license for up to 5 users would be \$30,000.

Initial Management and training fees for a large county (Suffolk) =
Approximately \$40,000.00

SEQUOIA ADVANTAGE PLUS DRE

Initial per unit cost = \$ 8,900
Initial purchase price for Election Management Software =
\$ 0.85 per registered voter

Sequoia is changing this formula, but has not yet determined how software costs will be calculated. They are looking at a flat rate or percentage of purchase price.

For rough estimate of consumables, central management hardware, and Initial Management and training fees, see the AVANTE DRE estimate above.

[Note that on-going software license charges will be 15% of the purchase price beginning on the first day of the second year. Software license does not include the third-party licenses.]

LIBERTYVOTE/NEDAP DRE (This machine is not considered by NYC and Suffolk Co., so bids are not included. Information below was provided by the vendor in the past.)

Initial unit price	=	\$8,250.00
Printer	=	900.00
Ballot bag	=	34.95
Central programming system	=	1500.00
Paper ballot face, approximately	=	50.00 each

Software and maintenance is 12% of purchase price annually.

SEQUOIA Insight-Image CAST Scanner

Initial per unit cost without ADA solution	=	\$ 7,250
“ “ “ with ADA solution	=	\$10,500

Initial software licensing and on-going licensing costs are calculated the same way as for the Sequoia DRE (see above)

For Suffolk County, installation and training is included in the purchase cost.

DIEBOLD/PREMIER Scanner

AccuVote Optical Scanner initial cost per unit	=	\$7,260
Each additional unit	=	\$6,450
Quantity discount, e.g., 75-125, minus 4%	=	\$6,192

[This includes carrying case, ballot box, 2 memory cards, internal printer, battery, OS software, 5 yr. warranty, initial and refresher training.]

Global Election Management System (GEMS) = 18% of purchase cost, but willing to negotiate for Statewide License.

Peripheral equipment:

Privacy booths (\$205 each)	
Memory cards (\$2.00 each)	
Ender cards (25 for \$15.00)	
Secrecy sleeves (10 for \$36.00)	
Keys, Ribbons, Seals, Paper Rolls, Ballot Bags, etc	
	= \$100.00

AutoMARK Voter Access Terminal

Includes carrying case, headset, flash memory card, internal battery, 1 ink cartridge, 1 plain sleeve, 1 Braille sleeve, 5-year warranty, acceptance testing.

AutoMARK VAT	=	\$6,475.00
Adjustable Table (with screens)	=	325.00
Access Pad	=	155.00
Sip & Puff kit	=	300.00
Privacy screens (optional)	=	35.00

AutoMARK Information Management System Software is included in Unit Price. There seems to be an additional \$5,000 per jurisdiction for GEMS central software plus \$5.00 per VAT unit.