

Proposed
June 11, 1984

Whereas

This City Council has adopted
A policy to convert the present
Paper Ballot^{voting} system to "Electronic
voting system" for all ~~but~~ NOT
Municipal elections in the
City of Cambridge.



Whereas it is essential
~~that the Secretary of State~~

that the Secretary of State
be notified of this policy change
by June 20, 1984
as required by Chapter 54.

~~NOBIA~~

of the ~~Secretary of State~~

that be it further ordered
that the City Council be
and be it required to

2

Appropriate amount sufficient
to carry out the intent of
this order and to finance

INSTITUTE the Bidding process,
with appropriate specifications for
the equipment, ~~of the Bureau~~,
and to submit a time schedule, free of which
no delay shall be taken any

THIS
CAN
BE
RECORDED

feature set as ~~required~~ ^{required}

in order that all electronic

voting system will be in place
and ready for use
in the upcoming September

primary election

and for the general election

for the City of Phoenix

being a requirement in ^{CONSTRUCTION} compliance

with the Arizona Constitution

23

To submit an Implementation
Plan for Education of the

Voters and to submit same

to the City Council prior to

June 25, 1964.

5 members

CD

Recorded as not voting in
this matter

- CC
- CW
- CWS
- CG
- CV
- CD
- MR - 7



CITY OF CAMBRIDGE

362 GREEN STREET, CAMBRIDGE MASSACHUSETTS 02139 • TEL. 498-9087

BOARD OF ELECTION COMMISSIONERS

EDWARD J. SAMP, JR.
SONDRA SCHEIR
PETER STURGES
ARTIS B. SPEARS
Commissioners

SUSAN A. ARTHUR
Executive Secretary

To: The Honorable, The City Council
From: The Board of Election Commissioners
Date: June 11, 1984
Subject: Costs & Benefits to Convert to Electronic Voting for
All But Municipal Elections.

Attached is material describing costs and expenses for the City's conversion to electronic voting for all but municipal elections. It should be noted that the capital cost to convert that was quoted in the June 4, 1984 memo to the Council has been considerably scaled down from \$135,000 to \$99,000. A letter from Electronic Voting Machine Corporation is attached.

As a result of this 27% reduction, the cost effectiveness for the City to convert is enhanced in that 95% of the City's capital outlay could be recovered through merely seven (7) state and federal elections by the end of 1988. Thereafter, the City would begin to save between \$12,000 to \$15,000 for each subsequent non-municipal election.

Also, all of our longtime and dedicated poll workers would continue to be employed on election days. Their day would end, however, shortly after 8p.m., saving their sanity and the City's resources (at least \$11,000 to count ballots at each non-municipal election).

On all counts (i.e. quick results, reduced costs, more humane working hours), conversion would offer a dramatic service improvement for all residents of Cambridge.

Costs to Count Ballots in State and Federal Elections

Paper Ballot Counting Costs

Office staff overtime	\$ 1,500
Night Counters	11,000
Tabulators	600
Supplies	300
Food/water	<u>100</u>

Total per Election Cost

\$13,500

Upcoming State and Federal Election Counts and Costs

	<u>1984</u>	<u>1986</u>	<u>1988</u>
September Primary	\$13,500	\$13,500	\$13,500
November Election	13,500	13,500	13,500
March Presidential Election	<u>-</u>	<u>-</u>	<u>13,500</u>
Subtotals	\$27,000	\$27,000	\$40,500

Grand Total for seven (7) Elections Through 1988 =

\$94,500

Capital Costs for Electronic Punchcard Voting System

500 Voting Devices @ \$185 per device	\$92,500
44 Demonstration units @ \$100 each	4,400
44 Ballot carrying cases @ \$40 each	1,760
44 Ballot box adapters @ \$4.75 each	209
11 Demo units leased @ \$10 each	110
11 Carrying cases leased @ \$5 each	55
11 Ballot box adapters leased @ \$1 each	<u>11</u>

Capital Expenditure Grand Total

\$99,045

NEARLY 95% OF CAPITAL OUTLAY RECOVERED BY END OF CALENDER YEAR 1988. SUBSEQUENT SAVINGS OF \$13,500 FOR EACH NON-MUNICIPAL ELECTION.



ELECTRONIC VOTING MACHINE
SALES and ELECTION SERVICE CORP.

86 Washington Street
Newton, Mass. 02158
617-244-0700

June 1, 1984

Board of Election Commissioners
33 Green Street
Cambridge, Massachusetts 02138

Commissioners:

This letter is to supplement our earlier proposal at which time EVM offered to sell the City of Cambridge a total voting system consisting of 500 Electronic Voting Devices similar to those used by the neighboring communities of Belmont, Watertown, as well as Weston, Wayland and the City of Lowell.

As you know, these EVM Voting Devices have been used successfully for the last 15 years throughout the United States and Cambridge has been on the verge of adopting this System many times during this period.

With a deadline to notify the Massachusetts Secretary of State by June 20, 1984, (a 3 month notice) your City Council must take action quickly if you plan to modify your present paper ballot system for the State September Primary and the November Presidential Election.

EVM will purchase the required 500 Voting Devices and guarantee delivery of same within 30 days of a purchase order.

The equipment and costs are as follows:

500	EVM Voting Devices	@ \$185.00	\$92,500.00
* 44	Demonstrator Devices	@ 100.00	4,400.00
44	Ballot Carry Cases w/locks/keys	@40.00	1,760.00
44	Ballot Box Adapters	@ 4.75	209.00
			<hr/>
		Total	\$98,869.00

* In anticipation of a reduction of the number of precincts in the City, EVM has agreed to lease the following equipment to maintain the total of 55 precincts for two (2) elections in 1984 (September and November).

11	Demonstrator Units	@ \$10.00	\$ 110.00
11	Ballot Carry Cases	@ 5.00	55.00
11	Ballot Box Adapters	@ 1.00	11.00
			<hr/>
			176.00
		Total Cost	\$99,045.00

Board of Election Commissioners
Cambridge, Massachusetts
page 2

EVM will also agree to assemble the booklets for each of these two(2)
1984 Elections at no cost. Normally the charge would be \$10.00 per unit.

We at EVM sincerely hope that this proposal meets with your Board's
and the Council's approval.

Very truly yours,



Frank Fitzpatrick, President

Important

Operational Efficiency

Improvement

Debtless - former
Ref

No Complaints

of any form

Card Service List

Prof. Dr. H. G.

Hospital

Active Hospital



MAYOR RUSSELL

City of Cambridge

*(proposed draft
before it was changed
further)*
IN CITY COUNCIL

June 11, 1984

PROPOSED DRAFT ORDER PREPARED BY CITY CLERK

- WHEREAS: This City Council has adopted a policy to convert the present paper ballot voting system to an electronic voting system for all non-municipal elections in the City of Cambridge; and
- WHEREAS: It is essential that the Secretary of State be notified of this policy change by June 20, 1984; now therefore be it
- ORDERED: That the City Manager be and hereby is requested to appropriate a sum sufficient to carry out the intent of this order and to further institute the bidding process, with appropriate specifications for the equipment and to submit a time schedule to the City Council by which this can be accomplished, without delay, and to take any further action as required in order that an electronic voting system will be in place and ready for use in the upcoming September primary election; and be it further
- ORDERED: That the City Manager be and hereby is requested in conjunction with the Election Commission to submit an implementation plan for education of the voters, and to submit same to this City Council prior to June 25, 1984.

In City Council June 11, 1984.
Adopted by the affirmative vote of 7 members.
Attest:- Paul E. Healy, City Clerk.

A true copy;

ATTEST:-

Paul E. Healy, City Clerk.

COUNCILLOR DAVID SULLIVAN RECORDED AS NOT VOTING IN THIS MATTER.

Coconut office

as
per
S. M. K. in Coconuts
very (new)



City of Cambridge

22.

IN CITY COUNCIL

June 11, 1984

MAYOR RUSSELL

- WHEREAS:** This City Council has adopted a policy to convert the present paper ballot voting system to an electronic voting system for all non-municipal elections in the City of Cambridge; and
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City of Cambridge

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June 11, 1984

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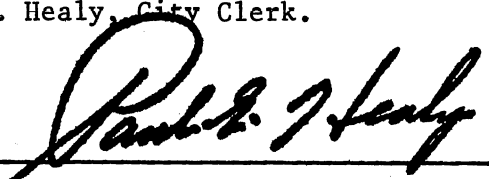
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Order # 22

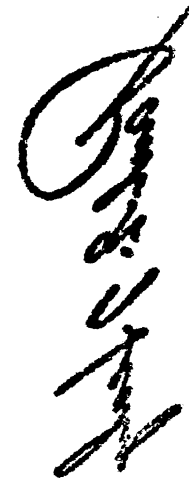
F-219

Mayor Russell order re: City Manager be requested in conjunction with the Election Commission to submit an implementation plan for education of voters for establishment of a system of electronic voting for all non-municipal elections in the City of Cambridge.

*Copies of order sent to City Mgr. 5 of Apr.,
City Council 8 of Apr.
+ Susan Arthur, Election Comm.
6/29/84 md*

In City Council,

June 11, 1984

A large, stylized handwritten signature in black ink, oriented vertically on the right side of the page. The signature is highly cursive and difficult to decipher, but appears to be a name.