

REPORT OF THE REDISTRICTING TECHNOLOGY SELECTION COMMITTEE  
TO THE LEGISLATIVE COUNCIL

February 1, 1990

On December 20, 1989, the Legislative Council adopted a motion that the Redistricting Technology Selection Committee should negotiate with Election Data Services, Inc. and Public Systems Associates, Inc. for a redistricting computer system at a maximum expenditure of \$600,000 for the computer system. Accordingly, letters were sent to both vendors and responses were received.

The Redistricting Technology Selection Committee met on January 31, 1990 to consider the responses of the two vendors and to make recommendations to the Legislative Council. The Committee makes the following report to the Legislative Council:

1. The Committee should conduct further negotiations with Election Data Services, Inc. for Election Data Services, Inc. to provide a redistricting computer software package for the Congressional and legislative redistricting activities of the Iowa General Assembly at a maximum expenditure of \$600,000, as provided in correspondence from Election Data Services, Inc., dated January 5, 1990. The software package will include specified data base development and redistricting system support.

2. As a part of the contract, Election Data Services, Inc. must agree to provide the required redistricting features that have already been demonstrated by them to the Redistricting Technology Selection Committee.

3. In addition to the features already demonstrated, the contract shall require provision of the following additional features not yet demonstrated by Election Data Services, Inc.:

- a. Delineation of the hierarchy of political subdivisions.
- b. Provision of a "rest of" function so that the computer will automatically assign the remaining pieces of isolated territory of a county or city into the next designed district.
- c. Contiguity check of pieces of territory which have not yet been assigned to a district.
- d. Cancel feature that will cancel a command and move on to another command relatively quickly.

4. Subject to further negotiation with Election Data Services, Inc., the contract shall address the following additional features:

- a. Ability to draw plans using subsets of the state.

- b. Ability to compute and generate written reports on length-width compactness and population dispersion compactness.
- c. Ability to generate written reports combining and renumbering house and senate districts.

5. The contract shall provide that all required software features be demonstrated by July 1, 1990, with the satisfactory performance of this requirement to be determined by the bipartisan subcommittee of the Redistricting Technology Selection Committee or the contract will be terminated.

6. The contract shall provide that Election Data Services, Inc. and its employees agree not to perform any Iowa reapportionment or Iowa redistricting related consulting services, with or without compensation, other than services provided to the Iowa Legislative Council, until September 1, 1991.

7. The data base should be developed that the generally smaller sized cities will not be divided along township boundaries except for cities divided by county lines.

Respectfully submitted,

SENATOR BILL HUTCHINS  
Chairperson