

V. Overview of Options for Redistricting Software and Recommendation Concerning Acquisition of Software

A. autoBound Redistricting Software by Citygate GIS

Application

- Based on ArcGIS desktop Geographic Information System (GIS), the most popular GIS product world-wide from ESRI, the leading provider of GIS technology
- Built-in Census Data import tool that allows staff to immediately begin processing data when Census releases it
- Multiple assignment methods and advanced boundary editing tools
- Dynamic computation of totals using an Excel compatible spreadsheet
- Contiguity analysis and compactness measuring tools
- Complete report writing system
- Imports and disaggregates election results
- Integration with nationwide satellite or aerial imagery to produce professional cartographically rendered street maps
- Internet upload capability and visualization using Google Earth
- Customizable using VBA, Microsoft Visual Studio, .NET and/or JAVA

Staff Familiarity

- Used during 2001 Redistricting
- Extremely user-friendly
- Based on ESRI's ArcGIS Desktop software that is actively being used by staff now
- High comfort level with staff

Support

- Support during 2001 Redistricting was outstanding
- Included in maintenance
- Full GIS system support available for any non-autoBound issues from ESRI

Pre-Redistricting Value (Population Projections)

- Provides 2009 projected population data that can be used for redistricting projections now
- Can view population trends, deviations, growth and changes in percent for multiple racial categories
- Ability to provide district estimations and scenarios during 2010 interim

Pricing

- 8 autoBound licenses \$39,600

**EXHIBIT D-2 – Redistrict
Document consists of 2 pages.
Entire Exhibit provided.
Meeting Date: 05-17-10**

B. Maptitude for Redistricting by Caliper Corporation

Application (web, reports, maps)

- Includes Caliper's GIS software
- Caliper processes and provides Census data
- Multiple assignment methods
- Dynamic computation of totals
- Multiple compactness measuring tools
- 35 reports included
- Disaggregates election results
- Integration with nationwide satellite or aerial imagery
- Internet upload capability and visualization using Google Earth

Staff Familiarity

- Used Caliper's MAF/TIGER Partnership Software during the Census Bureau's Phase II Program

Support

- Provided and billed by 15 minute increments

Pre-Redistricting Value (population estimates)

- Not available

Pricing

- 8 Maptitude licenses \$55,000