REQUEST FOR INFORMATION

The Colorado Constitution requires the appointment of an Independent Congressional Redistricting Commission to redraw Colorado's federal congressional districts and an Independent Legislative Redistricting Commission to redraw Colorado's 35 state senate districts and 65 state house of representative districts. In order to fulfill these requirements, the Colorado Legislative Council is seeking information concerning computer hardware and software to accomplish such redistricting.

Under the state constitution, the governor is to convene the redistricting commissions during March 2021. It then directs the redistricting commission's nonpartisan staff to draft preliminary plans during April, 2021, and the commissions will conduct public hearings around the state on the preliminary plans. The constitution requires final plans to be submitted to the Colorado Supreme Court during September 2021 and the Court must approve final plans by November 2021.

This Request for Information consists of an outcome statement and our business requirements. The outcome is what we want the hardware and the software to accomplish. The business requirements are what the system must have to enable the members and the staff to reach the outcome.

We are inviting private sector vendors to tell us how you can provide reliable, cost-effective, and easy-to-learn redistricting computer systems. We are interested in your solution whether it will involve new business processes, wrap around our current systems, or both. We are available to discuss any questions you may have concerning our requirements prior to submitting your solution. Please e-mail us at legislative.redistricting@state.co.us or call Zack Wimberly at (303) 866-4740.

In the spirit of moving as quickly as possible, responses to this Request for Information must be simple and should be five to ten pages in length. No solutions will be accepted after 5:00 p.m. on September 30, 2019. Vendors expressing serious interest and creative vision will be invited to demonstrate their products to us either in person or through a web-based presentation. We will work with you to see if your proposal meets our business requirements and is a viable system that achieves our desired outcome.

Following the initial demonstrations, we may request additional written submissions or demonstrations from selected vendors. We anticipate making a recommendation to the Executive Committee of the General Assembly in November of 2019.

Send responses to Jessika Shipley, Colorado Legislative Council, 029 State Capitol, Denver, CO 80203. E-mail: legislative.redistricting@state.co.us.

This RFI is exhibited on the State of Colorado's bid site, https://www.colorado.gov/VSS; on the General Assembly's home page, www.leg.colorado.gov; and on the Legislative Council's home page, www.leg.colorado.gov/agencies/legislative-council-staff;

Outcome Statement

The purpose of this Request for Information is to select the optimum application of computer technology for the redistricting tasks that will be performed by the Independent Congressional Redistricting Commission and the Independent Legislative Redistricting Commission within specified timelines.

Business Requirements

The primary requirements for the computerized redistricting system are the following:

• The system must be easy to use, manageable, high speed, expandable, adaptable, affordable, reliable, and accessible anytime, anywhere, any way.

• The system must have computerized capability to use census data, census geography, and election data accurately to perform redistricting in conformity with statutory and constitutional criteria within the timelines specified for Colorado.

• The vendor must provide adequately staffed and timely support, as the system will be in use for up to sixteen hours per day.

• The system must be able to be configured as one integrated computer system to serve both congressional and legislative redistricting, or be configured as two independent computer systems (have multiple systems with one site, or multiple sites with one system).

• In order to perform redistricting, the State will need a computer system that allows multiple users the ability to simultaneously work with extensive geographic, population, and election databases. The software system must be able to support the following databases:

> TIGER/Line Geographic Layers;

> Census Population Data; and

> Election and Political Attribute Data, specifically voter registration data from 2018 and 2020 and election results from numerous national, statewide, and local elections in 2018 and 2020.

• The system must have the capacity to generate and customize reports and both color and

black-and-white maps, figure percentages for population and ethnicity, measure the compactness of a district using at least two scientifically recognized compactness measures and aggregate the linear distance of all district boundaries, analyze election data, and calculate the population share of a district for each city and county within the district.

- Reliability of the system will be a major consideration. The system must not be susceptible to frequent or extended downtime. The system must be sufficiently easy to use so that no computer expertise other than an introductory training seminar is necessary for routine use. Maintenance and control of the system must be well documented and manageable by current computer system administrative personnel who have little or no background in GIS systems.

- The system must be able to display interactive maps and reports on the Internet.

- The system must avoid the use of duplicate data entry by being compatible with our current word processing, spreadsheet, and database programs.

- The system must provide appropriate safeguards and necessary protocols and security measures for creating, storing, accessing, transferring, or copying plans, maps, and reports.

- The system should maximize public access to the plans being considered and allow the public to draw and submit proposed plans through the Internet.

- The system must be able to help attorneys explain in court the data collected, the methodology and how it was used, and provide for storage and retrieval of each plan proposed.

- The system to be utilized for congressional and legislative redistricting must be installed and fully operational no later than February 1, 2021.

- The system should be designed for adaptability to future legislative staff applications.