

Presentation to the Legislative Procedure and Arrangements Committee

Legislative Redistricting

Monday, December 14, 2009

Harvest Room, State Capitol, Bismarck

North Dakota Law

- Constitution of North Dakota requires:
 - The "senate must be composed of not less than forty nor more than fifty-four members, and the house of representatives must be composed of not less than eighty nor more than one hundred eight members.
 - The Legislative Assembly to "fix the number of senators and representatives and divide the state into as many senatorial districts of compact and contiguous territory as there are senators."

North Dakota Law

- Constitution of North Dakota provides:
 - The Legislative Assembly shall “guarantee, as nearly as practicable, that every elector is equal to every other elector in the state in the power to cast ballots for legislative candidates.”
 - The districts ascertained after the 1990 federal decennial census must continue until the adjournment of the first regular session after each federal decennial census, or until changed by law.

Redistricting History

- 1931-1962 None
- 1963-1975 Nearly constant state of litigation

Redistricting 1981

- Interim study
 - Twelve-member committee (5 Senators and 7 Representatives)
 - Contracted with consultant for redistricting services
 - Special session held in November 1981
 - Adopted 53 district plan

Redistricting 1991

- Interim study
 - Sixteen-member committee (8 members from each house)
 - Contracted with consultant for computer-related services (\$50,000)
 - Special session held in November
 - Adopted 49 district plan

Redistricting 2001

- Interim study
 - 15 member committee (8 from the House and 7 from the Senate)
 - Purchased 6 laptop computers (1 for each caucus and 2 for Legislative Council staff), 6 redistricting software licenses, and 6 color printers
 - Special session held in November
 - Adopted 47 district plan

Proposed Timeline

- December 2009
 - Enter agreement with software vendor
- Spring/Summer 2010
 - Staff training on software
- Winter 2010-11
 - Purchase remaining equipment
 - Printers, plotter, and PCs

Proposed Timeline

- 2011 Legislative Assembly
 - Adopt study resolution
- April 1, 2011
 - Deadline for delivery of census data to the state
- May 2011
 - Appointment of Redistricting Committee
- May- October 2011
 - Develop proposed redistricting plans

Proposed Timeline

- November 2011
 - Special session
- December 1, 2011
 - Effective date of redistricting plan
- Spring 2012
 - Political party reorganization
- June 12, 2012
 - Primary election with new legislative districts

Redistricting Software Purchase

➤Legislative Council purchased an evaluation copy of Maptitude for Redistricting from Caliper Corporation. This software is developed for the redistricting process as compared to other geographic information systems (GIS). These other GIS applications are complex and are intended to process geographic information and can only accomplish redistricting tasks with plugin software.

Redistricting Software Purchase

- Proposal

- Procure Maptitude software before January 1, 2010, at reduced cost. This software provides the tools necessary to accomplish the redistricting tasks while minimizing complexity.

Redistricting Software Purchase

➤ Costs

Purchase Plan - Prior to January 1, 2010			
	License Cost	Maintenance Dec 2009-2010	Maintenance Dec 2010-2011
NDLC Current License	\$0	\$500	\$500
2nd NDLC License	\$4,500	\$500	\$500
1st Caucus License	\$4,500	\$500	\$500
2nd Caucus License	\$4,500	\$500	\$500
3rd Caucus License	\$4,500	\$500	\$500
4th Caucus License	\$4,500	\$500	\$500
Total	\$22,500	\$3,000	\$3,000

Total Cost

\$28,500

Redistricting Software Purchase

➤ Costs - Continued

Purchase Plan - After January 1, 2010			
	License Cost	Maintenance Dec 2009-2010	Maintenance Dec 2010-2011
NDLC Current License	\$0	\$750	\$750
2nd NDLC License	\$7,500	\$750	\$750
1st Caucus License	\$7,500	\$750	\$750
2nd Caucus License	\$7,500	\$750	\$750
3rd Caucus License	\$7,500	\$750	\$750
4th Caucus License	\$7,500	\$750	\$750
Total	\$37,500	\$4,500	\$4,500

Total Cost

\$46,500

Today's Recommended Actions



Authorize purchase of additional Maptitude licenses before January 1, 2010, to save \$15,000 in license costs.



Authorize execution of maintenance agreement before January 1, 2010, to save \$3,000 in maintenance costs.

Redistricting Software Purchase

- Future purchases
 - Once the number of licenses is confirmed the following quotes will be obtained to support the application for the 2011 redistricting task:
 - High End Laptops
 - Portable Color Printers
 - Plotter



QUESTIONS