

REDISTRICTING VENDER/TECHNICAL CONSULTING CONTRACT

I. Legislative Service Bureau		
A. Geographic Data Preparation	Create TIGER map, create VTDs and RDUs, verify all geography, and back up	\$9,679.00
B. Population Data Preparation	Prepare and verify population data, and back up	\$20,750.00
C. Hardware and Workstations	Not in contract	
D. Software 3 (7,500) - \$22,500; install - \$1,120; backup and user guide - \$250; compactness measures - \$12,600 = \$36,470	Licenses for three copies of autoBound and customized components, software installation, backup, and software programming for Iowa compactness measures (billed per hour)	\$36,470.00
E. Software Support	Technical and telephone support for up to six months (billed per month)	\$4,250.00
F. Training and Travel	Two trainer days and travel (billed per trip)	\$3,987.00
G. One LSB Professional Employee	Not in contract	
TOTAL		\$75,136.00
II. Senate and House		
A. Geographic Data Preparation	Create VTDs and RDUs and prepare for association of other demographic data (billed per hour)	\$14,801.00
B. Population Data Preparation	Prepare 1999 population estimates	\$4,430.00
C. Election and Registration Data Preparation (C. 6. included; C. 2. excluded)	Prepare and verify for disaggregation, geocode voter registration database, and back up	\$59,415.68
D. Hardware	Not in contract	
E. Software 4 (7,500) + 1 (7,000) - \$37,000; install - \$1,120; backup and user guide - \$250 = \$38,370	Licenses for four caucus and one public access copies of autoBound and customized components, software installation, and backup	\$38,370.00
F. Software Support	Technical and telephone support for up to six months (billed per month)	\$4,250.00
G. Training and Travel	Six trainer days and travel (billed per trip)	\$7,987.00
H. On-Site Technical Support	\$10,000 per month for two months (billed per month); travel and expenses (billed per LSB expense guidelines)	\$26,537.00
TOTAL		\$155,790.68
GRAND TOTAL		\$230,926.68

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 August 8, 2000

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MEMORANDUM

TO: Members of the Redistricting Committee

FROM: *EX*
 Ed Cook, Legislative Service Bureau

RE: August 14 meeting

The next meeting of the Redistricting Committee is scheduled for Monday, August 14, at 1:00 p.m. in the Reagan Conference Room (Room 19) in the State Capitol. As discussed at the last meeting, the primary focus of the meeting will be to hear testimony from several individuals involved with local redistricting and to make a recommendation to the Chair and Vice Chair of Legislative Council concerning the selection of a vendor-technical consultant for phase 3 of redistricting and the scope of the services desired from the vendor-technical consultant.

To assist in your preparation for the meeting, I have enclosed a copy of the minutes from the June 26 meeting of the Committee. In addition, I am enclosing a copy of the memorandum, dated June 23, 2000, and distributed to the Committee at the first meeting, concerning the expenses for conducting phase 3 of redistricting from Election Data Services, Inc. As a result of the meeting with the vendor-technical consultant last month, some of the figures listed in that memorandum have been modified. Specifically, the totals for LSB software expenses listed under I D have been reduced from a total of \$65,220 to \$36,470. In addition, the figures listed for Senate and House software expenses listed under II E (1-5) have been reduced from \$51,370 to \$38,370. In addition, for purposes of election and registration data preparation listed under II C, the total cost options should reflect a combination of 1, 2, 3, 4, and 5 (\$36,000), or 1, 3, 4, 5, and 6 (\$59,415.68), since the tasks contemplated under 2 and 6 represent two ways of doing the same thing. As noted in the June 23rd memorandum, of the items not described above, some items were characterized as essential and others were characterized as optional for the Committee's consideration.

I am still working on finalizing names of presenters relating to local redistricting for the meeting. I anticipate testimony from a representative of the Secretary of State's office, as well as from individuals recommended by and representing the Iowa League of Cities, the Iowa State Association of Counties, and the Iowa Association of School Boards.

If you have any questions about the meeting, don't hesitate to call me at (515) 281-3994 or e-mail me at ecook@legis.state.ia.us.

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June 23, 2000

MEMORANDUM

TO: Co-chairpersons Johnson and Brunckhorst and Members of the Redistricting Committee

FROM: Diane Bolender *JB*

RE: REDISTRICTING PHASE 3 BUDGET AUTHORIZATION FOR FY2001

I request that the Redistricting Committee recommend to the Service Committee that the Legislative Council approve the negotiation and entering into of a contract between the Legislative Council and Election Data Services, Inc. (EDS) for Phase 3 of redistricting, with the Chairperson and Vice Chairperson of the Legislative Council authorized to approve the final contract. Phase 3 is the final phase in which congressional and legislative districts are proposed initially by the Legislative Service Bureau and enacted into law by the General Assembly.

I also request that the Redistricting Committee recommend to the Service Committee that the Legislative Council approve the hiring of one additional redistricting staff person for the Legislative Service Bureau (LSB) for this budget year (LSB budget modification), the hiring of a temporary drafter/staffer for the 2001 session to replace Ed Cook (LSB budget), and the purchase of any additional hardware necessary for the Iowa General Assembly to complete redistricting (joint expense authorization).

The Legislative Council contracted with EDS for technical assistance for both Phase 1 and Phase 2. Phase 1 was titled the Census Bureau's Block Boundary Suggestion Project. Under that project the Legislative Service Bureau and the Census Bureau, with input from local political subdivisions, agreed upon the designation of all census block boundary lines, mainly using political subdivision boundary lines and visible physical features of geography such as streets, roads, rivers, and lakes. In this phase EDS also assisted the LSB by

digitizing all of the Iowa election precinct boundaries so that the official designation of all census block boundary lines could be completed electronically rather than on paper maps.

Phase 2 was titled the Voting District Project. In this phase EDS provided software and other technical assistance to the LSB to electronically link the officially designated census block boundary lines from Phase 1 with current election precinct boundaries. This phase is almost complete with only the final boundary verifications and most recent annexation changes to be entered into the database.

Phase 3 is usually described as actual redistricting. For Iowa, this phase consists of final preparation and verification of Census Bureau geography (the TIGER 2000 base map), preparing the final voter tabulation districts (VTDs), loading that geographical database into a software system capable of redrawing congressional and legislative district boundaries using VTDs combined into redistricting data units (RDUs)(mostly election precincts), preparing the final population database received from the Census Bureau for loading into our system, preparing the associated voter registration and election return data for use by the four caucuses, and associating both the historical election precincts and the newly created RDUs with the corresponding population and other demographic data. Because of EDS's extensive work in this area of geographic information systems and election data, and because of EDS's working knowledge of Iowa redistricting system, it is proposed that the Legislative Council approve entering into a software and technical consulting contract with EDS to provide needed services to allow the LSB to prepare the redistricting plans and to allow the Senate and House to analyze the plans prior to enactment. The following itemization presents approximate costs for the different components of Phase III attributable to the LSB and to the Senate and the House (including public access):

IOWA GENERAL ASSEMBLY
REDISTRICTING EXPENSES
FY 2001

I. Legislative Service Bureau

A. Geographic Data Preparation

1. Create TIGER 2000 base map - \$1,360
2. Receive and import census block-to-precinct equivalencies to redistricting database (create VTDs and RDUs) - \$3,122 (split 65% Senate/House and 35% LSB)(billed per hour)
3. Verify and document geographic database and maps - \$4,847 (split 65% Senate/House and 35% LSB)(billed per hour)
4. ArcView license for GIS Tools software - \$250
5. Electronic backup and storage media - \$100

Total (1-5) - \$9,679

B. Population Data Preparation

1. Prepare 2000 population data for REMAP 2000 - \$10,210
2. Verify and document population database - \$10,440
3. Electronic backup and storage media - \$100

Total (1-3) - \$20,750

C. Hardware and Workstations

1. Three computers with 850 processors (\$7,500) and three 21" monitors (\$3,000) - \$10,500
2. Two printers - \$1,000
3. Workstation work surfaces and dividers - \$____,____

Total (1-2) - \$11,500

D. Software

1. Compile technical documentation for REMAP 2000 - \$6,250
2. REMAP 2000 software license (first copy) - \$25,000
3. REMAP 2000 software licenses (two additional copies) - \$20,000
4. Install REMAP 2000 - \$1,120 (split with Senate/House) (see Training and Travel also)

5. Electronic backup and storage media - \$125 (split with Senate/House)
6. Hard copy media for user guide - \$125 (split with Senate/House)
7. Software programming for Iowa compact measures - \$12,600 (billed per hour)

Total (1-7) - \$65,220 (maximum)

E. Software Support

1. Technical support @ \$500 per month for approximately six months beginning upon receipt of REMAP 2000 software (split with Senate/House) - \$3,000
2. Telephone technical support charges for approximately six months beginning upon receipt of REMAP 2000 software (split with Senate/House) - \$1,250

Total (1-2) - \$4,250 (maximum)

F. Training and Travel

1. Two trainers, one day @ \$1,000 per day - \$2,000
2. Travel for training and REMAP 2000 install (split with Senate/House) - \$1,987 (billed per trip)

Total (1-2) - \$3,987 (maximum)

G. One LSB Professional Employee

1. Salary - \$40,000
2. Support and Benefits - \$10,000

Total (1-2) - \$50,000

Total A1-5(\$9,679), B1-3(\$20,750), D1-7(\$65,220), E1-2(\$4,250), F1-2(\$3,987) = \$103,876 (essential software and support, consulting, data preparation, and training)

Total C1-2 = \$11,500 (hardware)

Total C3 = \$____,____ (workstations)

Total G1-2 = \$50,000 (essential LSB employee)

II. Senate and House of Representatives (including public access)

A. Geographic Data Preparation

1. Receive and import census block-to-precinct equivalencies to redistricting database (create VTDs and RDUs) - \$5,798 (split 65% Senate/House and 35% LSB)(billed per hour)

2. Verify and document geographic database and maps - \$9,003 (split 65% Senate/House and 35% LSB)(billed per hour)

Total (1-2) - \$14,801

B. Population Data Preparation

1. Prepare 1999 population estimates for REMAP 2000 - \$2,430 (optional)

2. File of 1999 population estimates - \$2,000 (optional)

3. Multi-race and sampling population data analyses - \$25,000 (optional)

Total (1-3) - \$29,430

C. Election and Registration Data Preparation

1. Prepare voter registration database for data disaggregation - \$3,740

2. Disaggregate precinct-level election data and link to TIGER 2000 - \$20,830

3. Verify and document election database - \$11,230

4. Telephone expense for data verification - \$100

5. Electronic backup and storage media - \$100

6. Geocode voter registration database (1,769,827 voter records @ \$0.025 per record) - \$44,245.68 (disaggregates election results by voting age population) (optional)

Total (1-5) - \$36,000

Total (6) - \$44,245.68

D. Hardware

1. Four computers for caucuses with 850 processors (\$10,000) and four 21" monitors (\$4,000) - \$14,000

2. One computer for public access with an 850 processor (\$2,500) and one 21" monitor (\$1,000) - \$3,500

3. Five printers - \$2,500

Total (1-3) - \$20,000

E. Software

1. REMAP 2000 software licenses (four copies for caucuses) - \$40,000

2. REMAP 2000 software license for public access terminal - \$10,000

3. Install REMAP 2000 - \$1,120 (split with LSB) (see Training and Travel also)

4. Electronic backup and storage media - \$125 (split with LSB)
5. Hard copy media for user guide - \$125 (split with LSB)
6. REMAP "Lite" development for Internet Map Server for public access - \$24,360
7. Install REMAP "Lite" for Internet public access - \$2,240
8. REMAP "Lite" software license for Internet @ \$5,000 per license - \$5,000
9. ArcView Internet Deployment License and Internet Map Server Extension Software - \$5,500

Total (1-5) - \$51,370 (maximum)

Total (6-9) - \$37,100

F. Software Support

1. Technical support @ \$500 per month for approximately six months beginning upon receipt of REMAP 2000 software (split with LSB) - \$3,000
2. Telephone technical support charges for approximately six months beginning upon receipt of REMAP 2000 software (split with LSB) - \$1,250

Total (1-2) - \$4,250 (maximum)

G. Training and Travel

1. Two trainers, three days @ \$1,000 per day - \$6,000
2. Travel for training and REMAP 2000 install (split with LSB) - \$1,987

Total (1-2) - \$7,987

H. On-Site Technical Support (optional)

1. Personnel services @ \$12,500 per month for four months - \$50,000
2. Personnel travel and expenses for four months - \$13,074

Total (1-2) - \$63,074

Total A1-2(\$14,801), C1-5(\$36,000), E1-5(\$51,370), F1-2(\$4,250), G1-2(\$7,987) = \$114,408 (essential software and support, consulting, data preparation, and training)

Total D1-3 = \$20,000 (hardware)

Total E6-9 = \$37,100 (Internet public access)

Total B1-3(\$29,430), C6(\$44,245.68), H1-2(\$63,074) = \$136,749.68 (1999 population data preparation and multi-race and sampling population data analyses, geocoding voter registration data, and on-site technical support)

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August 14, 2000

MEMORANDUM

TO: Members of the Redistricting Committee
FROM: Ed Cook, Legislative Service Bureau
RE: Contract Language Issues

I. Exclusivity Provisions.

A. Overview.

For purposes of this memorandum, exclusivity concerns the ability of the vendor-technical consultant selected to provide redistricting services to the Legislative Service Bureau and the four caucus staffs, to contract with other entities, either governmental or private, to provide redistricting services for them as well.

B. 1990 Contract Provisions.

In 1990, the contract language between EDS and LSB and the four caucus staffs governing exclusivity was fairly restrictive. In effect, EDS was prevented from providing any Iowa redistricting services to anybody other than those covered by the agreement. The language used in 1990 was as follows:

EDS, Inc. agrees that EDS, Inc., and its officers, staff, and employees, will not perform any Iowa redistricting-related consulting services, directly or indirectly, with or without compensation, other than the services provided to the COUNCIL under this agreement for the duration of this agreement.

C. 2000 Redistricting.

With the advent of increasing technology and the desire and need to use computer aided redistricting services during the 2000 redistricting cycle, it would appear to be advantageous to allow EDS to contract with state and local governmental entities, or other nonprofit organizations, for redistricting services to assist them in redistricting so

long as we can ensure that the assistance provided is technical and nonpartisan. Ultimately, the contract provision governing exclusivity needs to ensure that the integrity of the congressional and legislative redistricting process is maintained. Our office would suggest the following proposed language as one way of resolving this issue:

EDS, Inc. agrees that EDS, Inc., and its officers, staff, and employees, and any affiliated businesses, will not perform any Iowa redistricting-related consulting services, directly or indirectly, with or without compensation, other than the services provided to the COUNCIL under this Agreement for the duration of this Agreement. However, upon full disclosure to the COUNCIL, and upon approval of the Chairperson and Vice-chairperson of the Council and the Senate and House Minority Leaders, EDS, Inc. may perform technical, nonpartisan Iowa redistricting-related consulting services, directly or indirectly, with or without compensation, for other units of state or local government in Iowa, or for wholly nonpartisan, nonprofit or quasi-governmental bodies. For purposes of this contract, "technical, nonpartisan Iowa redistricting-related consulting services" means services which provide the technology and information necessary to allow contracting parties to draw and analyze statewide or local Iowa redistricting plans on their own. "Technical, nonpartisan Iowa redistricting-related consulting services" do not include services to provide direct assistance and advice to contracting parties on how to draw redistricting plans using partisan information or on whether contracting parties should accept or reject a particular redistricting plan using partisan information. "Partisan information" includes information such as incumbent addresses, political affiliation of registered voters, previous election results, and demographic information other than population.

II. Other Contract Issues.

A. Duration of Contract.

In 1990, the contract duration was limited to September 1, 1991. Do we want to extend the duration of the contract beyond September 2001?

B. Litigation Assistance.

The 1990 contract appeared to be silent as to the ability of EDS to provide litigation assistance to an entity who might have brought suit against Iowa after the duration of the contract challenging an enacted Iowa redistricting plan. It would appear prudent to prohibit EDS from assisting any entity who might bring suit against an enacted redistricting plan.