Fifty-eighth Legislative Assembly of North Dakota

FIRST ENGROSSMENT

ENGROSSED HOUSE BILL NO. 1505

Introduced by

Representative Berg

Senator Stenehjem

(Approved by the Delayed Bills Committee)

1 A BILL for an Act to provide an appropriation for defraying the expenses of the information

2 technology department, the judicial branch, and the legislative council; to authorize the

3 industrial commission to issue and sell evidences of indebtedness for connectND; to provide for

4 the purchase of information technology equipment and software; to provide for the transfer of

5 state agency information technology employees; to provide for reports to the budget section; to

6 provide for a legislative council study; to create and enact a new section to chapter 54-10, a

7 new section to chapter 54-35, two new sections to chapter 54-59, and a new subsection to

8 section 54-59-05 of the North Dakota Century Code, relating to information technology

9 responsibilities of the state auditor, information technology committee responsibilities,

10 information technology services, and information technology department powers and duties; to

amend and reenact sections 54-59-02, 54-59-05, and 54-59-09 of the North Dakota Century

12 Code, relating to responsibilities of the information technology department and information

13 technology standards; to repeal section 54-59-13 of the North Dakota Century Code, relating to

14 information technology reviews; and to provide an effective date.

15 BE IT ENACTED BY THE LEGISLATIVE ASSEMBLY OF NORTH DAKOTA:

16 **SECTION 1. APPROPRIATION.** The funds provided in this section, or so much of the 17 funds as may be necessary, are appropriated out of any moneys in the general fund in the state 18 treasury, not otherwise appropriated, and from special funds derived from other income, to the 19 information technology department for the purpose of defraying the expenses of the information 20 technology department, for the biennium beginning July 1, 2003, and ending June 30, 2005, as 21 follows: ~ ~ . ******

22	Salaries and wages	\$25,715,694
23	Operating expenses	33,120,860
24	Capital assets	5,323,000

1	Division of independent study	5,625,480
2	Educational technology council	793,818
3	EduTech	2,540,348
4	Wide area network	7,436,223
5	Enterprise resource planning system (connectND)	20,000,000
6	Geographic information system	678,343
7	Prairie public broadcasting	1,337,138
8	Criminal justice information sharing	4,741,200
9	Less budget adjustment	<u>(1,000,000)</u>
10	Total all funds	\$106,312,104
11	Less estimated income	<u>98,117,301</u>
12	Total general fund appropriation	\$8,194,803

13 SECTION 2. ESTIMATED INCOME - SPECIAL FUNDS TRANSFERS. The estimated 14 income line item in section 1 of this Act includes \$862,059 from the special funds of various 15 state agencies resulting from information technology reductions, for the biennium beginning 16 July 1, 2003, and ending June 30, 2005. Notwithstanding any other provisions of law, the office 17 of management and budget shall transfer to the information technology department the 18 following amounts available from the special funds of the agencies listed, for the biennium 19 beginning July 1, 2003, and ending June 30, 2005. 20 AGENCY AMOUNT \$11,108 21 State department of health

21		φ11,100
22	Aeronautics commission	6,942
23	Veterans' home	6,046
24	Department of financial institutions	7,881
25	Highway patrol	9,450
26	Department of transportation	350,000
27	Industrial commission	4,034
28	Bank of North Dakota	300,000
29	Housing finance agency	24,080
30	Mill and elevator association	23,230
31	Department of corrections and rehabilitation	24,567

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1	Office of administrative hearings	4,311
1	Once of administrative hearings	4,511
2	Secretary of state	19,550
3	Attorney general	12,929
4	State auditor's office	1,465
5	Department of agriculture	1,329
6	Insurance commissioner	37,368
7	Vision services - School for the blind	2,725
8	Seed department	10,050
9	Parks and recreation department	<u>4,994</u>
10	Total	\$862,059

SECTION 3. APPROPRIATION AUTHORITY - REDUCTIONS. The office of management and budget shall reduce the special funds appropriation authority for the aeronautics commission, the department of financial institutions, the insurance commissioner, and the seed department, for the biennium beginning July 1, 2003, and ending June 30, 2005, by the amounts listed in section 2 of this Act relating to information technology reductions. The amounts will be available in the special funds for transfer as provided in section 2 of this Act.

SECTION 4. BOND ISSUANCE AUTHORIZATION - PURPOSES -

18 **APPROPRIATION.** The industrial commission, acting as the North Dakota building authority, 19 shall arrange through the issuance of evidences of indebtedness under chapter 54-17.2 from 20 the effective date of this Act and ending June 30, 2005, for the funding in an amount not to 21 exceed \$20,000,000 to be loaned to the information technology department for the purchase or 22 lease of computer hardware and software and for the costs of the implementation services for 23 the enterprise resource planning system commonly known as the connectND project. 24 ConnectND is declared to be in the public interest and is, for the purpose of this Act, a project 25 as that term is defined in chapter 54-17.2. The amount of the evidences of indebtedness may 26 be reduced by any moneys made available from the higher education institutions. The 27 proceeds of the evidences of indebtedness and other available funds, as appropriated in 28 section 1 of this Act, may be used for connectND project costs, debt service repayment, and 29 refunding of connectND interim borrowings. The industrial commission shall issue evidences of 30 indebtedness under this section with the condition that repayment on the evidences of 31 indebtedness need not begin until July 1, 2005. For purposes of this Act, loan or debt service

1 repayments are equivalent to lease rental payments as that term is used in chapter 54-17.2.

2 ConnectND student fee revenues and other available funds are appropriated to the North

3 Dakota university system for the North Dakota university system's share of the connectND

4 project costs, debt service repayment, refunding of connectND interim borrowings, and other

5 costs incidental to connectND implementation.

6 The authority of the industrial commission to issue evidences of indebtedness under 7 this section ends June 30, 2005, but the industrial commission may continue to exercise all 8 other powers granted to it under chapter 54-17.2 and this Act and comply with any covenants 9 entered into before that date.

The limitation provided in section 54-17.2-23 does not apply to repayments allocable to
the evidences of indebtedness issued for the connectND project.

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SECTION 5. EVIDENCES OF INDEBTEDNESS ISSUANCE REPAYMENT

13 **RESPONSIBILITY.** Debt service on the evidences of indebtedness issued under section 4 of 14 this Act must be available from charges made and collected by the information technology 15 department from users of the system with twenty-nine percent of the debt service being the 16 responsibility of state agencies and seventy-one percent of the debt service being the 17 responsibility of higher education.

18 SECTION 6. APPROPRIATION. There is appropriated out of any moneys in the 19 general fund in the state treasury, not otherwise appropriated, the sum of \$45,999, or so much 20 of the sum as may be necessary, to the judicial branch for the purpose of defraying costs 21 associated with information technology, for the biennium beginning July 1, 2003, and ending 22 June 30, 2005.

23 SECTION 7. PURCHASE OF INFORMATION TECHNOLOGY EQUIPMENT AND 24 SOFTWARE - REPORTS TO THE INFORMATION TECHNOLOGY COMMITTEE. After 25 receiving input from executive branch state agencies, departments, and institutions, the 26 information technology department shall establish information technology equipment and 27 software product specifications and shall provide the product specifications to the office of 28 management and budget to be used for procuring equipment and software as provided for in 29 chapter 54-44.4. The office of management and budget, after receiving advice from the 30 information technology department, shall establish policies and guidelines for the purchase of 31 information technology equipment and software and related accountability reporting. All

1 executive branch state agencies, departments, and institutions, excluding institutions under 2 control of the state board of higher education, shall comply with the policies and guidelines 3 unless exempted by the office of management and budget. The office of management and 4 budget, in conjunction with the information technology department, shall aggregate information 5 technology equipment and software purchases and administer contracts to achieve the most 6 cost-effective results for the state. The information technology department shall provide 7 periodic reports to the information technology committee regarding budgeted and actual 8 information technology equipment and software purchases and estimated savings by funding 9 source.

10 SECTION 8. TRANSFER OF APPROPRIATION AUTHORITY BETWEEN LINE

ITEMS. Notwithstanding section 54-16-04, the director of the office of management and budget and the state treasurer shall make transfers of funds between line items for state agencies, departments, and institutions as may be requested to accommodate information technology funding reductions made by the fifty-eighth legislative assembly. The office of management and budget shall report to the budget section regularly on transfers made pursuant to this section.

SECTION 9. TRANSFERS. Notwithstanding section 54-16-04, the director of the office
of management and budget shall make transfers of funds between line items of appropriations
in section 1 of this Act for the information technology department as may be requested by the
chief information officer.

21SECTION 10. TRANSFER OF STATE AGENCY INFORMATION TECHNOLOGY22EMPLOYEE POSITIONS - CONSOLIDATION OF INFORMATION TECHNOLOGY

FUNCTIONS. On November 1, 2003, the following number of authorized full-time equivalent employee positions relating to information technology services, including electronic mail, file and print server administration, data base administration, storage, application server, and hosting services must be reduced and transferred from the named agencies to the information technology department, except as otherwise provided under this section or unless exempted by the chief information officer:

29	AGENCY	FULL-TIME EQUIVAL	ENI
30		EMPLOYEE POSITIO	ONS
31	Office of management and budget		1
32	Tax department		2

1	Department of public instruction	1
2	State department of health	1
3	Department of human services	5
4	Job service North Dakota	3
5	Industrial commission	1
6	Bank of North Dakota	1
7	Housing finance agency	1
8	Workers compensation bureau	2
9	Highway patrol	1
10	Department of corrections and rehabilitation	2
11	Game and fish department	1
12	State water commission	1
13	Department of transportation	2

After consultation with the information technology department, each affected agency shall identify the specific positions for reduction and transfer. The agency shall conduct any reduction-in-force analysis that may be required. Each agency shall limit its consideration to information technology related positions and shall identify for reduction and transfer those positions most closely associated with services assumed centrally by the information technology department.

20 Each affected agency shall establish an information technology services accounting 21 code consisting of funding related to the salaries and wages for the identified employee 22 positions and related funding for equipment, training, office rent, travel, contracted services, or 23 other related costs. Each agency shall use the funding contained in the information technology 24 services account to purchase information technology services from the information technology 25 department. The information technology department may receive any funding relating to the 26 purchase of information technology services under this section, which is hereby appropriated. 27 Each agency is entitled to receive from the information technology department the equivalent in 28 services that would have been performed by employees in the transferred positions at a cost 29 not exceeding the amounts transferred to the agency's information technology services 30 account.

1 The information technology department shall determine the number of full-time 2 equivalent positions necessary to provide the related information technology functions to state 3 agencies. The department is authorized to employ the number of necessary employees and 4 require all persons interested in filling the employee positions to apply with the department. In 5 filling the employee positions, the department shall give preference to current state employees 6 working in information technology. The department may make arrangements with the agency 7 from which an employee was transferred to transfer any leave accrued by that employee.

8 In furtherance of the consolidation of information technology functions under this 9 section, the supreme court and the attorney general shall continue to collaborate with the 10 information technology department to implement the criminal justice information sharing 11 program.

12 SECTION 11. INFORMATION TECHNOLOGY FUNCTION CONSOLIDATION -13 ACCUMULATED SAVINGS - TRANSFER TO THE GENERAL FUND. The office of 14 management and budget and the information technology department shall achieve efficiencies 15 during the biennium beginning July 1, 2003, and ending June 30, 2005, relating to the required 16 consolidation of information technology functions, including electronic mail, file and print server 17 administration, data base administration, storage, application server, hosting services, and 18 related equipment. Notwithstanding the provisions of section 10 of this Act, the office of 19 management and budget in conjunction with the information technology department, may 20 exercise full discretion in achieving efficiencies and cost-savings expected from the proposed 21 consolidation of information technology services, including any such modifications deemed 22 advisable. The office of management and budget and the information technology department 23 through efficiencies resulting from this consolidation shall achieve accumulated net savings 24 totaling \$1,400,000 for the 2003-05 biennium. The director of the office of management and 25 budget shall transfer the savings accumulated as a result of these efficiencies in the amount of 26 \$1,400,000 to the general fund by June 30, 2005.

SECTION 12. INFORMATION TECHNOLOGY SERVICE - REPORTS TO THE
 INFORMATION TECHNOLOGY COMMITTEE AND THE BUDGET SECTION. The information
 technology department shall document information relating to the delivery of the consolidated
 services to agencies, including service dependability, agency complaints, and information
 technology department responsiveness, and shall report that information and the status of the

1 accumulated savings to the information technology committee and the budget section as 2 requested. Any agency receiving consolidated services may provide information to the 3 information technology committee with respect to service availability, service dependability, 4 complaints of the agency or of persons receiving services from the agency or the department, 5 department responsiveness, and any additional costs incurred by the agency as a result of the 6 consolidated services. 7 SECTION 13. INFORMATION TECHNOLOGY LEGISLATIVE COUNCIL STUDY -8 **APPROPRIATION - REPORTS TO THE BUDGET SECTION.** There is appropriated out of any 9 moneys in the general fund in the state treasury, not otherwise appropriated, the sum of 10 \$350,000, or so much of the sum as may be necessary, to the legislative council for the 11 biennium beginning July 1, 2003, and ending June 30, 2005, for the purpose of contracting with 12 consultants to conduct an information technology organizational study and an information 13 technology management study and to provide assistance with the preparation of the request for 14 proposals and consultant oversight. The studies must be completed by October 1, 2003, and 15 periodic progress reports on the status of the studies must be provided to the information 16 technology committee. The information technology committee may extend the October 1, 17 2003, deadline as it deems appropriate. A final report must be presented to the budget section 18 upon completion of the studies. 19 The information technology organizational study must include a review and identification of: 20 21 1. The cost and benefits of a centralized information technology structure and the 22 cost and benefits of a decentralized information technology structure. 23 2. The cost of providing electronic mail administration, file and print server 24 administration, seat management and desktop personal computer support. 25 mainframe and distributed computing hosting services, consolidated storage 26 management and disaster recovery, and software development. 27 3. The roles and responsibilities of agency personnel providing information 28 technology services under a centralized information technology structure and a 29 decentralized information technology structure. 30 4. The positions and competencies needed by the information technology department 31 to provide the information technology services on a centralized basis, including the

1		organizational changes required within the department to provide the centralized
2		services.
3	5.	The human resource management issues, including change management,
4		training, and employee compensation, to be addressed for a successful
5		centralization.
6	6.	The adequacy and quality of the services as currently provided and proper
7		performance measures.
8	7.	The comparison of current costs to industry data and data from other states.
9	8.	Information technology services appropriate to be performed by individual
10		agencies.
11	9.	A plan to either centralize or decentralize the services identified, including the
12		reorganization tasks, personnel transfers, and the changes required for information
13		technology budgeting and cost allocation processes.
14	The	e information technology management study must include a review of:
15	1.	The technology management processes of other states and private industry with
16		respect to prioritizing state agency information technology budget requests,
17		establishing information technology standards and policies, and overseeing
18		information technology expenditures.
19	2.	The role of other states in providing information technology services to nonstate
20		government entities.
21	3.	The level of information technology outsourcing in other state governments and the
22		private sector and the applicability to the state of North Dakota.
23	4.	The trends that will impact technology deployment and spending in the next five to
24		ten years.
25	5.	The level of coordination in the management of enterprise initiatives, such as the
26		statewide wide area network, the enterprise resource planning system initiative,
27		the geographic information system initiative, and the criminal justice information
28		sharing initiative, compared to other states, including a recommendation regarding
29		the appropriate governance structure to provide the maximum benefits to the state.

1	6.	The potential changes to the organizational structure of the information technology
2		department and other state government entities as related to information
3		technology.
4	SEC	CTION 14. A new section to chapter 54-10 of the North Dakota Century Code is
5	created and	d enacted as follows:
6	Info	rmation technology responsibilities. The state auditor shall:
7	<u>1.</u>	Conduct information technology compliance reviews, as determined necessary by
8		the information technology committee, by conducting individual agency audits of
9		information technology management, information technology planning, compliance
10		with information technology plans, and compliance with information technology
11		standards and policies and conducting statewide agency audits of compliance with
12		specific information technology standards and policies.
13	<u>2.</u>	Consult with the information technology department on audits of compliance with
14		information technology plans and compliance with information technology
15		standards and policies.
16	<u>3.</u>	Participate in the information technology department's enterprise architecture
17		process for developing information technology standards and policies.
18	<u>4.</u>	Monitor major information technology projects for compliance with project
19		management and information technology standards and policies.
20	<u>5.</u>	Present results of information technology compliance reviews to the information
21		technology committee and the information technology department's enterprise
22		architecture committee.
23	SEC	CTION 15. A new section to chapter 54-35 of the North Dakota Century Code is
24	created and	d enacted as follows:
25	Info	prmation technology committee - Information technology reviews. The
26	information	technology committee may request the state auditor to conduct an information
27	technology	compliance review. The review may consist of an audit of an agency's information
28	technology	management, information technology planning, compliance with information
29	technology	plans, and compliance with information technology standards and policies or an
30	audit of stat	tewide compliance with specific information technology standards and policies.

1 SECTION 16. Two new sections to chapter 54-59 of the North Dakota Century Code 2 are created and enacted as follows: 3 Department shall establish certain standards for agencies - Advisory committee -4 **Exceptions.** The department shall appoint an advisory committee consisting of 5 representatives of state agencies for the purposes of prioritizing major computer software 6 projects and establishing policies, standards, and guidelines for executive branch state 7 agencies, departments, and institutions, excluding institutions under control of the state board 8 of higher education and agencies of the judicial and legislative branches with respect to the 9 purchase of computer software and computer systems. The chief information officer shall 10 submit recommendations of the advisory committee regarding major software projects to the 11 information technology committee for consideration by the committee and the drafting of 12 appropriate legislation to implement the recommendations. The judicial and legislative 13 branches shall annually notify the advisory committee on their major computer software 14 projects and priorities. The chief information officer may exempt an agency from the policies, 15 standards, and guidelines established by the committee to address situations unique to that 16 agency. 17 Required use of electronic mail, file and print server administration, data base 18 administration, application server, and hosting services. Each state agency and 19 institution, excluding the judicial branch, the institutions under the control of the state board of 20 higher education, the public employees retirement system, the retirement and investment 21 office, the attorney general, and any entity exempted by the office of management and budget 22 after advisement by the information technology department, shall obtain electronic mail, file and 23 print server administration, data base administration, storage, application server, and hosting 24 services through a delivery system established by the information technology department in 25 conjunction with the office of management and budget. The office of management and budget, 26 after receiving advice from the information technology department, shall establish policies and 27 guidelines for the delivery of services, including the transition from existing systems to 28 functional consolidation, with consideration given to the creation of efficiencies, cost-savings, 29 and improved quality of service. 30 SECTION 17. AMENDMENT. Section 54-59-02 of the North Dakota Century Code is 31 amended and reenacted as follows:

1	54-59-02. Information technology department - Responsibility - Public policy.
2	The information technology department is established with the responsibility for all wide area
3	network services planning, selection, and implementation for all state agencies, including
4	institutions under the control of the board of higher education, counties, cities, and school
5	districts in this state. With respect to a county, city, or school district, wide area network
6	services are those services necessary to transmit voice, data, or video outside the county, city,
7	or school district. In exercising its powers and duties, the department is responsible for
8	computer support services, host software development, statewide communications services,
9	standards for providing information to other state agencies and the public through the internet,
10	technology planning, process redesign, and quality assurance. The department may not
11	exercise its powers and duties in a manner that competes or otherwise interferes with the
12	provision of telecommunications services to private, charitable, or nonprofit entities by privately
13	or cooperatively owned telecommunications companies.
14	SECTION 18. A new subsection to section 54-59-05 of the North Dakota Century Code
15	is created and enacted as follows:
16	May provide wide area network services to a state agency, city, county, school
17	district, or other political subdivision of this state. The information technology
18	department may not provide wide area network service to any private, charitable,
19	or nonprofit entity except the information technology department may continue to
20	provide the wide area network service the department provided to the private,
21	charitable, and nonprofit entities receiving services from the department on
22	January 1, 2003. The department shall file with the state auditor before
23	September 1, 2003, a description of the wide area network service the department
24	provided to each private, charitable, and nonprofit entity receiving services from
25	the department on January 1, 2003.
26	SECTION 19. AMENDMENT. Section 54-59-05 of the North Dakota Century Code is
27	amended and reenacted as follows:
28	54-59-05. Powers and duties of department. The department:
29	1. Shall provide, supervise, and regulate information technology of all executive
30	branch state entities, excluding the institutions under the control of the board of
31	higher education.

1 2. Shall provide network services in a way that ensures the network requirements of 2 a single entity do not adversely affect the functionality of the whole network, 3 facilitates open communications with the citizens of the state, minimizes the state's 4 investment in human resources, accommodates an ever-increasing amount of 5 traffic, supports rapid detection and resolution of problems, protects the network 6 infrastructure from damage and security breaches, provides for the aggregation of 7 data, voice, video, and multimedia into a statewide transport mechanism or 8 backbone, and provides for the network support for the entity to carry out its 9 mission.

- May review and approve additional network services that are not provided by the
 department.
- 12 4. May purchase, finance the purchase, or lease equipment or software or replace, 13 including by trade or resale, equipment or software as may be necessary to carry 14 out this chapter. An agreement to finance the purchase of software, equipment, or 15 implementation services may not exceed a period of three years. The department 16 shall submit any intended financing proposal for the purchase of software, 17 equipment, or implementation services under this subsection, which is in excess of 18 one million dollars, to the budget section of the legislative council before executing 19 a financing agreement. If the budget section does not approve the execution of a 20 financing agreement, the department may not proceed with the proposed financing 21 arrangement. The department may finance the purchase of software, equipment, 22 or implementation services only to the extent the purchase amount does not 23 exceed the amount appropriated to the department during that biennium for 24 equipment.
- 5. Each executive branch agency or institution, except excluding the institutions
 under the control of the board of higher education, shall submit to the department,
 in accordance with guidelines established by the department, a written request for
 the lease, purchase, or other contractual acquisition of information technology.
 The department shall review requests for conformance with the requesting entity's
 information technology plan and compliance with statewide policies and standards.
 If the request is not in conformance or compliance, the department may

1		disapprove the request or require justification for the departure from the plan or
2		statewide policy or standard.
3	5. <u>6.</u>	Shall provide information technology, including assistance and advisory service, to
4		the executive, legislative, and judicial branches. If the department is unable to
5		fulfill a request for service from the legislative or judicial branch, the information
6		technology may be procured by the legislative or judicial branch within the limits of
7		legislative appropriations.
8	6. <u>7.</u>	May Shall request information on or review information technology, applications,
9		system development projects, and application development projects of executive
10		branch agencies.
11	7. <u>8.</u>	Shall study emerging technology and evaluate its impact on the state's system of
12		information technology.
13	8. <u>9.</u>	Shall develop guidelines for reports to be provided by each executive branch
14		agency, institution, or department, the institutions under the control of the board of
15		higher education, and agencies of the judicial and legislative branches on
16		information technology in those entities.
17	9. <u>10.</u>	Shall review the information technology management of executive branch
18		agencies or institutions, including institutions under the control of the board of
19		higher education as provided in section 54-59-13.
20	10. <u>11.</u>	Shall perform all other duties necessary to carry out this chapter.
21	SEC	CTION 20. AMENDMENT. Section 54-59-09 of the North Dakota Century Code is
22	amended a	nd reenacted as follows:
23	54-5	59-09. Information technology standards. Based on information from state
24	agencies ar	nd institutions, the department and the office of management and budget shall
25	develop sta	tewide information technology policies, standards, and guidelines. The policies,
26	standards,	and guidelines must recognize the uniqueness of certain agencies and state which
27	agencies ar	e included or exempted from the policies, standards, and guidelines. The policies,
28	standards,	and guidelines must be reviewed by the state information technology advisory
29	committee.	Unless an exemption is granted by the department chief information officer, each
30	executive b	ranch state agency and institution, excluding the institutions under the control of the
31	board of hig	pher education with respect to academic and research uses of information

- 1 technology, shall comply with the policies and standards developed by the department and the
- 2 <u>office of management and budget</u>. Unless an exemption is granted by the department <u>chief</u>
- 3 information officer, each entity receiving wide area network services provided by the
- 4 department shall comply with the policies and standards developed by the department with
- 5 respect to access to or use of wide area network services.
- 6 SECTION 21. REPEAL. Section 54-59-13 of the North Dakota Century Code is
 7 repealed.
- 8 **SECTION 22. EFFECTIVE DATE.** The enterprise resource planning system line item 9 in section 1 of this Act and sections 4, 5, and 13 become effective May 16, 2003, and the 10 remainder of the Act becomes effective on July 1, 2003.