NEBRASKA INFORMATION TECHNOLOGY COMMISSION
November 10, 2016, 10:00 a.m.
1526 Building, Lower Level – Development Center, 1526 K Street,
Lincoln, Nebraska
Video Conferencing Sites [Neb. Rev. Stat. § 84-1411(2)]
Northeast Community College, Lifelong Learning Center Building - Suite A, 701 E Benjamin Avenue,
Norfolk, Nebraska
Omaha State Office Building - Room 207, 1313 Farnam Street
Omaha, Nebraska
MINUTES

MEMBERS PRESENT:
Ed Toner, Chief Information Officer, Chair
Senator Curt Friesen, Nebraska Legislature
Dr. Terry Haack, Bennington Public Schools
Dorest Harvey, US Strategic Command/J84 (Omaha site)
Dan Spray, Precision Technologies, Inc. (Norfolk site)
Gary Warren, Hamilton Telecommunications
Walter Weir, University of Nebraska

MEMBERS ABSENT:
Shane Greckel, Greckel Farms, LLC; Randy Meininger, Mayor, City of Scottsbluff; and Dan Shundoff,
Intellicom

ROLL CALL, NOTICE OF MEETING & OPEN MEETINGS ACT INFORMATION

The meeting was called to order at 10:07 a.m. Roll call was taken and found six voting members present
to achieve a quorum. The meeting notice was posted to the NITC website and the Nebraska Public
Meeting Calendar on October 19, 2016. The agenda was posted to the NITC website on November 3,
2016. A copy of the Nebraska Open Meetings Act was located on the table next to the entrance door and
at each of the remote videoconferencing sites.

APPROVAL OF JULY 14, 2016 MINUTES

**Commissioner Harvey moved to approve the July 14, 2016 meeting minutes. Commissioner Haack
seconded. Roll call vote: Toner-Yes, Haack-Yes, Harvey-Yes, Spray-Yes, Warren-Yes, and Weir-
Yes. Results: Yes-6, No-0, Abstained-0. Motion carried.**

**APPROVAL OF RECOMMENDATIONS ON TECHNOLOGY INVESTMENTS FOR THE 2017-2019
BIENNIUM**
Walter Weir, Technical Panel Chair

Mr. Weir reviewed the NITC project review process with the Commissioners.

The Commission uses the following categories for prioritization of projects:

CATEGORY	DESCRIPTION
Mandate	Required by law, regulation, or other authority.
Tier 1	Highly Recommended. Mission critical project for the agency or the state.
Tier 2	Recommended. High strategic importance to the agency or the state.
Tier 3	Other. Strategic importance to the agency or the state; but, in general, has an overall lower priority than the Tier 1 and Tier 2 projects.
Insufficient Information	Insufficient information to make a recommendation.

13-01 Nebraska Department of Education – Shared Systems of Support Project
Project Summary: The primary purpose of this Shared Systems and Supports project creates a fundamental shift toward efficiency in access to digital learning resources and tools. The proposed approach reduces local and state burdens, increases equitable access to digital education, and improves the privacy and security of student information across Nebraska. The comprehensive nature of the project supports a significant need found by a recent study estimating that Nebraska's K-12 Public School districts spend approximately $100 million annually on software licenses and staff, including over 655,000 hours each year submitting data for reporting purposes. The study also found the size of a school often determines the level of access to digital learning resources and tools. Primary reasons include costs and capacity to support.

Dean Folkers, Department of Education, was present to answer questions.

Commissioner Haack had concerns regarding standardization and creating efficiencies and how that will impact the local school districts. If school districts are required to pay for the system, it will affect the students. Standardization to meet all diverse districts would need to be flexible – what works for a big district may not for a small school district, for example, in the Sandhills. Another concern was the purpose of collecting the data. If it is going to be used to determine which districts are better than others, Dr. Haack was not in favor. If the purpose of collecting data was to improve the actionable intelligence for use by teachers, then Dr. Haack would be in favor. Mr. Folkers commented that one focus of the project is to save districts money. Local school districts will control how the savings will be utilized in the best interests of their students.

The Nebraska Department of Education (NDE) wants to create a standard about the interoperability of the data system. Currently, there are lots of systems that do not interoperate with each other. Nebraska has been using the Ed-Fi Alliance data model. One of the project 13-01 goals is to have a Marketplace of interoperable systems that school districts could select that would work for them and NDE for data collection purposes.

Discussion followed regarding funding and buy-in from Nebraska school districts. Dr. Folkers indicated that so far the districts that have been working with NDE on the project are all are on board. There was a concern that it will be built and no districts will come. If funded, there must be a plan to communicate this to all districts. The question was raised as to whether the funding would come out of TEEOSA (Tax Equity and Educational Opportunities Support Act). It is not NDE's intention that TEEOSA funding be used but cannot predict what the legislature may do. Savings are in a reallocation of resources. If the project had total buy-in from the districts, it would be more supported. If funded, Commissioner Weir recommended that NDE work with the NITC Education Council and Network Nebraska to optimize its implementation.

Commissioner Haack moved that project 13-01 be categorized as a Tier 2 project. Commissioner Warren seconded. Roll call vote: Harvey-Yes, Haack-Yes, Toner-Yes, Spray-Yes, Weir-Yes, and Warren-Yes. Results: 7-Yes, 0-No, 0-Abstained. Motion carried.

Commissioners discussed the possibility of this project being designated as an enterprise project if funded.

13-02 Nebraska Department of Education – Teacher Certification Upgrade
Project Summary: The teacher certification (TC) and licensure system operated at the Nebraska Department of Education has undergone periodic maintenance and operational retrofitting over the past 15 years. As part of a department-wide focus on evaluating systems, increasing efficiency and operations, and mitigating security risks, the TC system has been identified as needing to go through an update. A portion of the licensing fees provided by users is set aside to support future updates/upgrades to the system and are targeted for this process. The primary scope of an initial phase is the evaluation and documentation of business processes and requirements, integration of other existing related legacy

systems, and a recommendation for the options to move forward with the system upgrade/development. Based on these recommendations and decision will be made as to the appropriate path, costs, and project plan to complete the work.

Commissioner Harvey moved that project 13-02 be categorized as a Tier 1 project. Commissioner Warren seconded. Roll call vote: Weir-Yes, Warren-Yes, Spray-Yes, Harvey-Yes, Haack-Yes, and Toner-Yes. Results: 7-Yes, 0-No, 0-Abstained. Motion carried.

23-01 Department of Labor – Modernization of UI Tax and Benefits System
Project Summary: The Nebraska Department of Labor (NDOL) will do a total replacement of the existing unemployment insurance (UI) business systems, including the Benefit Payment System (BPS), employer portal (UIConnect), and Tax Management System (TMS). The solution will be a single UI benefits and tax system utilized by both external and internal customers (i.e., employers, claimants, third parties, and staff), fully integrated with the existing NEworks reemployment/employment and case management system and interfaced with other systems as required by the UI program. The implementation will include replacement of existing system platforms, applications, mainframe databases, and processes to support the federally funded UI and reemployment/employment programs. Currently NDOL's systems reside on separate platforms. The proposed single COTS solution would replace existing unemployment systems while providing complete transparency between unemployment and reemployment. The solution would align with the State's mission of providing solutions that make government work and grow Nebraska's economy.

Terri Slone, Department of Labor, was present to answer questions.

Commissioner Haack moved that project 23-01 be categorized as a Tier 1 project. Commissioner Harvey seconded. Roll call vote: Spray-Yes, Harvey-Yes, Haack-Yes, Toner-Yes, Weir-Yes, and Warren-Yes. Results: 7-Yes, 0-No, 0-Abstained. Motion carried.

39-01 Nebraska Brand Committee - Nebraska Brand Committee - Database System
Project Summary: The Nebraska Brand Committee has a proposal from Nebraska Interactive LLC to develop a program to automate many of its functions, increase efficiencies such as reducing data entry and call volume, and implementing additional audit controls. The program will develop a mobile brand inspection application for inspectors to include supplying mobile devices and printers. The program will also include implementation of payment processing, minimizing the need for inspectors to hold and carry check payments. The payment data along with the inspection records will automatically be submitted to the NBC Database System, eliminating data entry, providing timely receipt and disbursement of monies, and access to inspection records.

Commissioner Harvey moved that project 39-01 be categorized as a Tier 2 project. Commission Spray seconded. Roll call vote: Warren-Yes, Weir-Yes, Toner-Yes, Haack-Yes, Harvey-Yes, and Spray-Yes. Results: 7-Yes, 0-No, 0-Abstained. Motion carried.

46-01 Department of Correctional Services - CIT (Corrections Information and Tracking) System
Project Summary: The Nebraska Department of Corrections operates 10 facilities responsible for 6500 inmates with a staff of 2200 employees. Currently Inmate accounting is in the Corrections Information and Tracking system (CIT) and was developed and then implemented on May 1, 1997. This system is crucial to the stability of maintaining accurate financial records for the inmate population. This is a mainframe system that has reporting limitations. Certain reports and data can only be obtained through Structured Query Language (SQL) which runs against the live production system. Since being developed almost 20 years ago, the advancement of technology and platforms has provided the opportunity to develop a more efficient, effective and supportable application.

Commissioner Haack moved that project 46-01 be categorized as a Tier 3 project. Commission Harvey seconded. Roll call vote: Harvey-Yes, Spray-Yes, Warren-Yes, Weir-Yes, Toner-Yes, and Haack-Yes. Results: 6-Yes, 0-No, 0-Abstained. Motion carried.

The Commission instructed the Technical Panel to further review the project with the agency and report back to the Commission.

47-01 Nebraska Educational Telecommunications Commission - KHNE TV Transmitter

Project Summary: NET seeks funding to replace the television transmitter at KHNE (Hastings). The present transmitter is a 21-year old Inductive Output Tube (IOT) liquid cooled model that was modified for DTV transmission in 2003. IOT transmitters are no longer manufactured and the tubes are very difficult to acquire. The IOT at KHNE was last replaced in 2014 with a spare tube that was shipped from France. The new solid state transmitter will be a much more energy efficient solid state transmitter which will be upgradeable to the impending ATSC 3.0 broadcast standard. Delaying the replacement risks significant broadcast television service outages if repairs are required due to the scarcity of parts. Any outage would also affect satellite and central Nebraska cable subscribers.

Ling-Ling Sun, from NET, was present to answer questions.

Commissioner Toner moved that project 47-01 be categorized as a Tier 1 project. Commissioner Weir seconded. Roll call vote: Weir-Yes, Warren-Yes, Spray-Yes, Harvey-Yes, Haack-Yes, and Toner-Yes. Results: 6-Yes, 0-No, 0-Abstained. Motion carried.

47-02 Nebraska Educational Telecommunications Commission - Radio Transmission Replacement

Project Summary: NET is requesting an appropriation to replace aging FM antenna and feed line at FM sites KUCV (Lincoln), KTNE (Alliance), KRNE (Merriman), and KXNE (Norfolk). The antennas and feed lines at KTNE and KXNE are 26 years old, KRNE's is 16 years old and KUCV's is 15 years old. Replacing this equipment and older components would be done to reduce rising maintenance costs and to eliminate downtime. Also, the NET FM system is the State of Nebraska's primary relay system for the Emergency Alert System. This is the final phase of updating the statewide NET Radio Network. Delaying the completion of this final phase any further would just continue to increase off-air, downtime at these sites and increase annual operating expenses for repairs, maintenance and supplies. The project would begin the summer of 2017 and proceed through the fall (weather and tower crews permitting) at KUCV and KTNE. Work on the KRNE and KXNE sites would begin summer of 2018 and run thru the fall of 2018. Delaying the work heightens the risk that tower crews will be difficult to schedule and may be more expensive due to anticipated demand related to spectrum repacking adjustments on television towers and a nationwide shortage of tower crews.

Commissioner Haack moved that project 47-02 be categorized as a Tier 2 project. Commissioner Weir seconded. Roll call vote: Toner-Yes, Haack-Yes, Harvey-Yes, Spray-Yes, Warren-Yes, and Weir-Yes. Results: 6-Yes, 0-No, 0-Abstained. Motion carried.

54-01 State Historical Society-Storage and Preservation of 12 TB Historical Data

Establishing a basic level of digital preservation functionality via cloud storage is the first step in addressing the two critical challenges NSHS faces: (1) preservation of and (2) access to an increasing volume of data (currently 12 Terabytes). Statute requires NSHS to collect and preserve government records, now mostly digital-born. NSHS must make historic resources accessible, increasingly online. Aging servers put data at risk. Cloud storage and access will cost $90,000/year and is not currently funded.

NSHS is challenged by existing ad hoc digital storage and management. Planning for the long-term preservation and access of digitized historic materials and digital-born records is underway. Preservation of digital data is the first step in a larger strategic effort.

Commissioner Toner moved that project 54-01 be categorized as a Tier 2 project. Commissioner Haack seconded. Roll call vote: Spray-Yes, Warren-Yes, Weir-Yes, Toner-Yes, Haack-Yes, and Harvey-Yes. Results: 6-Yes, 0-No, 0-Abstained. Motion carried.

65-01 Administrative Services - Enterprise Resource Management Consolidation

Project Summary: Migrate five current disparate IT systems individually supporting human resource and benefit management, employee recruiting and development, payroll and financial functions, and budget planning to a cloud-based single enterprise platform. The migration will include implementation of two new modules: E-Procurement and Budget Planning. The end state would be the realization of operational, process, and expense synergies by moving to a single enterprise platform at the end of this migration. Various options and alternatives were analyzed to determine the best way to leverage technology to improve the business processes and reduce the overhead costs for the State of Nebraska's enterprise HRM/ERP system. The approach described herein allows the agency to meet its operational objectives of continuously improving efficiency and processes, reducing costs, and capitalizing on technology. Commissioner Weir strongly recommended that the Department of Administrative Services should first concentrate on stabilizing the existing systems, and then work on migration of systems to the cloud once everything is stable.

Commissioner Weir moved that project 65-01 be categorized as a Tier 1 project. Commissioner Harvey seconded. Roll call vote: Spray-Yes, Warren-Yes, Weir-Yes, Toner-Yes, Haack-Yes, Harvey-Yes. Results: 6-Yes, 0-No, 0-Abstained. Motion carried.

The Commission instructed the Technical Panel to further review the project with the agency and report back to the Commission, including a recommendation on an enterprise project designation.

APPROVAL OF PROGRESS REPORT TO THE GOVERNOR AND LEGISLATURE*

A copy of the progress report was included in the meeting materials.

Commissioner Haack moved to approve the November 15, 2016 Progress Report to the Governor and Legislature. Commissioner Harvey seconded. Roll call vote: Harvey-Yes, Spray-Yes, Warren-Yes, Weir-Yes, Toner-Yes, and Haack-Yes. Results: 6-Yes, 0-No, 0-Abstained. Motion carried.

REPORTS AND ACTION ITEMS FROM THE COUNCILS AND TECHNICAL PANEL

COMMUNITY COUNCIL REPORT
Anne Byers, Community IT Coordinator

An update from the Community Council was included in the meeting materials. Due to time constraints, Ms. Byers asked if there were any questions from the Commission regarding her report. There were no questions.

EHEALTH COUNCIL REPORT
Anne Byers, eHealth IT Coordinator

Approval of Membership Changes*. The eHealth Council is recommending approval of two nominations for new members:
- Kevin Borcher, NeHII, Director of the Prescription Drug Monitoring Program
- Brian Sterud, Faith Regional Hospital, Chief Information Officer

Commissioner Spray moved to approve the eHealth Councils recommendations of two new council members. Commissioner Harvey seconded. Roll call vote: Toner-Yes, Haack-Yes Harvey-Yes, Spray-Yes, Warren-Yes, and Weir-Yes. Results: 6-Yes, 0-No, 0-Abstained. Motion carried.

An update from the eHealth Council was included in the meeting materials. There were no questions from the Commission.

EDUCATION COUNCIL REPORT
Tom Rolfes, Education IT Manager

Network Nebraska and Digital Education initiative updates were in the meeting materials. There were no questions from the Commission.

Mr. Rolfes reported that the OCIO, along with AS-Purchasing is finishing one of the largest telecommunications RFPs that the state has released. A smaller upcoming RFP will procure 19 circuits that will be implemented in the summer of 2017 for Network Nebraska. At the NETA conference this year, the Network Nebraska staff have been asked to provide a session on information security.

GIS COUNCIL REPORT
Nathan Watermeier, GIS Coordinator

OCIO Geospatial/GIS Enterprise. An assessment was conducted to examine costs savings by centralizing GIS infrastructure across state agencies. The initial estimates are showing potential savings of up to $400,000 annually to move towards a centralized GIS enterprise system. Much of these savings are related to consolidating servers, applications, human resource capital, reducing data duplication and moving towards other alternatives to data hosting. The OCIO IT Roadmap and consolidation effort is moving forward on Phase 3. This includes moving forward on specific enterprise level applications, such as GIS. Ed Toner has created the Geographic Information Office within the Office of the CIO. Nathan Watermeier will be leading GIS consolidation efforts across state agencies. He will be establishing meetings with agencies over the next few months to start the process and identify timelines. In addition, this office will support some of the tasks outlined by the GIS Council on important data initiatives.

NESDI and Initiatives Update report was included in the Commissioners' meeting materials. There were no questions from the Commission.

STATE GOVERNMENT COUNCIL REPORT
Ed Toner, Chief Information Officer

CIO Roadmap Update. Commissioner Toner reported that the implementation of the roadmap is ahead of schedule. Phases 1 and 2 of the IT consolidation have been completed. The Office of the CIO anticipated Phase 3 Desktop Consolidation would occur in December 2016 but is now ahead of schedule. So far, through these consolidation efforts, $7-9 million dollars will be saved annually.

TECHNICAL PANEL REPORT
Walter Weir, Technical Panel Chair

Enterprise Projects - Project Status Dashboard

Mr. Weir provided a brief report of the enterprise projects. Most projects are progressing without high risks.

Enterprise Projects - Project Closures

The Technical Panel is recommending closure of the following two enterprise projects:

Approval of the Closure of the Network Nebraska Project - Office of the CIO; University of Nebraska; and NET*

Commissioner Spray moved to designate the Network Nebraska Project as a closed project. Commissioner Harvey seconded. Roll call vote: Haack-Yes, Harvey-Yes, Spray-Yes, Warren-Yes, Weir-Yes, and Toner-Yes. Results: 6-Yes, 0-No, 0-Abstained. Motion carried.

Approval of the Closure of the District Dashboards Project - Dept. of Education*

Commissioner Warren moved to designate the District Dashboards Project - Dept. of Education as a closed project. Commissioner Harvey seconded. Roll call vote: Warren-Yes, Spray-Yes, Harvey-Yes, Haack-Yes, Toner-Yes, and Weir-Yes. Results: 6-Yes, 0-No, 0-Abstained. Motion carried.

INFORMATIONAL ITEMS

LR 538 Hearing – Interim Study to Examine Telecommunication Services in Nebraska

Ms. Byers and Mr. Rolfes attended the LR 538 hearing held in Aurora, Nebraska on October 26. Ms. Byers summarized the following key points from the hearing:

- Several individuals from Aurora and Henderson shared how broadband is important to communities, businesses, schools, health care, and agriculture;
- The Nebraska Universal Service Fund provides essential support to providers. Nebraska's program is recognized as a model for other states;
- Contributions to the NUSF are limited to wireline phone service and are declining. The contribution method needs to be modernized. Developing a fair assessment method among all providers is a significant undertaking.

Senator Friesen and Commissioner Warren also attended the hearing. Senator Friesen commented that connectivity in rural areas has improved, but there is still work to be done with the last mile.

ADJOURNMENT

Commissioner Harvey moved to adjourn. Commissioner Warren seconded. All were in favor. Motion carried.

Commissioner Toner thanked the Commissioners for their time and efforts to the Commissioner.

The meeting was adjourned at 12:17 p.m.

Meeting minutes were taken by Lori Lopez Urdiales and reviewed by the NITC staff. Corrected on March 9, 2017.