Science, Technology and Telecommunications Committee
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Secretary and State CIO

NM DEPARTMENT OF
INFORMATION
TECHNOLOGY

Presentation Overview

➢ 2021 Legislative Session Bill Review

➢ Status of Broadband
  - ➢ Broadband Request for Proposals (RFP)
  - ➢ Broadband Operational Plan
  - ➢ Department of Information Technology (DoIT(– Public Education Department (PED) Collaboration
  - ➢ Governor's Office of Broadband Access and Expansion

➢ Update on Current DoIT Key Initiatives
  - ➢ Digital Workspace Implementation
  - ➢ Public Safety Radio Communication System Modernization
  - ➢ SHARE Enhancements
  - ➢ Project Certification Reengineering
  - ➢ Development of DoIT FY23 Enterprise Service Rates

2021 Legislation – HB10

- Enacting the Connect New Mexico Act
- Creating a 15-member Connect New Mexico Council (CNMC)
  - 5 Cabinet Secretaries
  - Director of Public School Facilities Authority
  - Director of New Mexico Mortgage Finance Authority
  - 5 members of the public with broadband experience
  - 3 members appointed by Secretary of Indian Affairs
- Establishing duties for CNMC
- Establishing CNMC as a co-coordinator with the Department of Information Technology
- Establishing the Connect New Mexico Fund (CNMF) - $100M
- Providing for Grants
- Requiring Reports
- Increasing the disbursement level for broadband from the PRC State Rural Universal Service Fund

2021 Legislation – SB93

➢Created Office of Broadband Access and Expansion (OBAE)
  ➢Administratively attached to the Department of Information Technology

➢Director appointed by the Governor
  ➢Director may hire staff as needed

➢OBAE Responsibilities
  ➢Establish standards for quality of service
  ➢Create broadband availability mapping
  ➢Create data repository
  ➢On or before January 1, 2022, develop statewide three-year statewide broadband plan
  ➢OBAE shall implement the statewide plan

2021 Legislation – SB93

➢OBAE Responsibilities continued –

➢OBAE shall provide technical and planning assistance to local governments, public educational institutions, state agencies, and tribal governments

➢May form an advisory committee to facilitate the collection of information and development of proposals for the statewide plan

➢OBAE shall identify federal and nongovernmental funding opportunities

➢State agencies and public educational institutions shall coordinate with OBAE for purchasing broadband and infrastructure best value/bulk pricing

➢Create integrated system of permits, licenses and rules for right of way use applications

Current Status – Broadband Request for Proposals (RFP)

➢ Goal: Establish a procurement vehicle to obtain services from the vendor community by establishing statewide price agreements

  ➢ RFP Issued March 2021

  ➢ Scope of Work
    ➢ Category 1 – Conduct Feasibility Assessments, Technical and Strategic Planning
    ➢ Category 2 – Grant writing services associated with applying for Federal funds
    ➢ Category 3 – Broadband infrastructure construction of fiber optics and wireless

  ➢ Awards expected by June 30

  ➢ Four-year statewide agreements with an option to renew for four more years

Current Status – Broadband Operational Plan

➢ DoIT contracted with Deloitte for the development of a Broadband Operational Plan to facilitate detail requirements in HB10 and SB93

➢ Four-month contract term

➢ Benchmark analysis of Broadband Programs in 7 similar states
  ➢ Colorado, Arizona, Utah, Nevada, Nebraska, Minnesota and Montana
  ➢ Key trends across selected states

➢ Identification of leading best practices in broadband deployment
  ➢ Governance Roles and Responsibilities, Funding Opportunities, Granting Award Methodologies, Establishing Gating Criteria, Reporting Requirements, Mapping methodologies and strategies, and Establishing Prioritization Process

Current Status – DoIT/PED Collaboration

➤ DoIT has a major role in supporting PED with Yazzie-Martinez court order for the development, execution, and on-going support of internet connectivity for impacted students

➤ Strategic Components include:

   ➤ Data analysis utilizing mapping

   ➤ Connectivity determination and associated coordination with ISPs

   ➤ Device acquisition, configuration, and deployment

   ➤ Help Desk Technical Support

Current Status – Governor's Office of Broadband Access and Expansion

➢ Director of Broadband (SB93)
  ➢ Governor's Office advertised position in March 2021
    ➢ 6 candidates applied for the position
    ➢ 2 candidates were interviewed
  ➢ Governor decided to expand the search to a national-level
  ➢ Selection of candidate early July 2021
  ➢ Anticipated start date August 2021

➢ Governor's staff is working on a statewide technology strategy
  ➢ Retired engineering executive from Boeing is leading discussions
  ➢ Utilizing New Mexico based companies and products

Public Safety Communication Network Modernization

➢ P25 Digital Trunk Radio System Project – **Initiated in FY19**
  ➢ Supports critical mission for New Mexico first responders
    ➢ Facilitates high quality, reliable and interoperable public safety communications
    ➢ Project 25 (P25) is a worldwide standard for design and manufacture of interoperable digital two-way wireless communications products

  ➢ Current estimated total project cost - **$170 Million**
    ➢ Identified end of life equipment requiring replacement
    ➢ Build out enhanced portable service coverage

  ➢ Appropriations to Date: **$37.8 million**
    ➢ Extended estimated project completion timeline to FY26 to accommodate partial funding
    ➢ Potential contributions by non-state entities and joint infrastructure build-out could significantly reduce the overall cost of the project

Public Safety Communication Network Modernization

➢ FY21 Progress –
  ➢ Key Statistics
    ➢ 30 Sites in System
    ➢ 21.6% Predicted Mobile Radio Coverage
    ➢ 5.84% of State-entity Radios on System

  ➢ Major Coverage
    ➢ Albuquerque, Rio Rancho, Bernalillo, Sandoval, Roswell, Las Cruces, Santa Fe, Clovis, Portales, Truth or Consequences and Spaceport America

  ➢ Entities Served
    ➢ DPS, DoIT, EMNRD, NMCD, City of Albuquerque, Bernalillo County, Sandoval County, Los Lunas and Rio Rancho

Digital Workspace

➢ A modernized e-mail solution and integrated office productivity software suite – Microsoft Office 365 (O365) advanced license
  ➢ Established procurement to secure volume pricing for enterprise license agreement
  ➢ Secured an 8-year license agreement with Microsoft

➢ Benefits
  ➢ Increase employee productivity
  ➢ Improves communication for collaboration
  ➢ Enhances security posture to protect information
  ➢ Supports public employees telework capabilities

➢ Status
  ➢ 63 agencies migrated – 10,275 licenses assigned and email for 10k users
  ➢ Remaining 7,100 users to be migrated during week of June 21 - 25

SHARE Enhancements

➢ Migrate existing servers to a virtual environment
- ➢ Improves performance and provides disaster recovery

➢ Update Disaster Recovery Documentation to address modifications

➢ Configuration update in progress for FY22 requirements
- ➢ Implementation of 2021 Legislation

➢ State Personnel Office – e-Forms Deployment
- ➢ System integration with Hyland Electronic Content Management System
- ➢ Electronic request with enforced business logic
- ➢ Workflow Automation with routing and notification
- ➢ Develop electronic audit log
- ➢ Personnel and Position Change Requests

Project Certification Reengineering

➢ Developing criteria for independent verification and validation (IV&V) waiver requests

➢ Revising the IT funding request (C2) process to include best practices

➢ Modifying membership of the Project Certification Committee (PCC) to include DFA, LFC and Agency Subject Matter Experts to reduce number of DoIT PCC members

➢ Exploring formulation of a Technology Advisory Committee to provide DoIT assistance on establishing strategic vision for state and oversight of DoIT initiatives

Developing FY23 Enterprise Service Rates

➢ New Billing System includes an integrated cost model module
  - ➢ Imports financial data from the General Ledger
  - ➢ Improves accuracy of cost allocation and rate calculations
  - ➢ Provides for "what if" scenarios

➢ Rate methodology and process will be documented and shared with Department customers and posted on the website

➢ Exploring funding Indirect Costs from General Fund to decrease customer billing rates

THANK YOU

QUESTIONS?

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