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Organization:	New Mexico Department of Information Technology
Project Name:	New Mexico Statewide Interoperable Radio Communication Internet Transport System (SIRCITS)
Project Type:	Comprehensive Community Infrastructure/Public Safety
State:	New Mexico
Federal Award:	\$38,699,997

ABOUT THE PROJECT

To enhance broadband access to community anchor institutions while upgrading the state's public safety communications capabilities, **New Mexico's Department of Information Technology** proposes a two-tiered project that addresses both objectives via a single network infrastructure. First, the project will complete the ten-year analog-to-digital upgrade of the state's microwave network by replacing 19 of the network's towers that, along with the existing infrastructure, connect to a 100 Gbps backbone network at several key points statewide. Second, SIRCITS proposes to utilize the microwave network's towers to deploy a new interoperable 700 MHz public safety wireless broadband network in the Albuquerque and Santa Fe metro areas that would cover 220 square miles, 14 site locations, provide 1,500 first responder end users with speeds of up to 7.5 Mbps, and benefit a population of about 600,000 residents. Some goals of the new public safety network include streaming critical patient data from paramedics to hospital personnel; field access to records management systems for criminal, fingerprint, and mug shot information; building blueprints and infrastructure diagrams on the go to enable access for firemen; and video applications to improve situational awareness at incident command posts.

The Statewide Interoperable Radio Communication Internet Transport System also proposes to:

- Connect as many as 150 community anchor institutions, including 63 K-12 public schools, 33 public safety entities, four community colleges and 24 other institutions of higher learning, 22 healthcare facilities and five government buildings and centers.
- Facilitate more affordable and accessible broadband service for up to 741,000 households and 54,000 businesses by enabling local Internet service providers to utilize the project's open network.
- Serve as a demonstration project for national implementation of 700 MHz interoperable public safety wireless broadband networks.

ORGANIZATION'S HISTORY

New Mexico's Department of Information Technology (DoIT) was established to serve as a single, unified cabinet level department that consolidates enterprise information technology services previously duplicated within state agencies. DoIT has operated a statewide microwave network for 50 years, and has extensive experience with public safety land mobile radio systems.

PROJECT PARTNERS

- New Mexico Departments of Public Safety, Higher Education, and Indian Affairs
- Navajo Nation
- Bernalillo County Metropolitan Detention Center

Data provided in the project description is based on information supplied by the applicant. An executive summary of this application can be found on www.ntia.doc.gov/broadbandusa.

For press-related inquiries, contact 202-482-7002 or press@ntia.doc.gov. For the general public, contact BTOP@ntia.doc.gov.

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