

PSAP Project Funding Application

Name of Project Location (physical address of where equipment is located/where funds will be used):

Huron Police Department PSAP, 239 Wisconsin Ave SW Huron SD 57350

Project Description:

This project will upgrade seven, Department of Health supplied, Motorola APX6500 mobile radios to enable SmartConnect, a feature that maintains secure P25 connectivity when users move outside traditional LMR coverage by leveraging WiFi networks. The upgrade ensures continuous mission critical communication for PSAP operation by improving operational reliability, and reduces communication gaps in obstructed indoor areas.

Project Funding Request Amount:

\$46,131.51

How does this project help work towards priorities outlined by the SD 911 Coordination Board.

This project will fund Priority 1. Motorola and Zetron are currently being used in our radio system. This upgrade will Modernize outdated RF only systems, Expands coverage using broadband, Integrates PSAP radios with existing WiFi infrastructure, Adds redundancy through automatic failover, Improves interoperability across LMR and broadband networks and Standardizes capabilities across all PSAP positions

Describe how this project addresses operational, efficiency or interoperability needs:

This will upgrade compatible systems for interoperability and redundancy.

Does your agency have local funding available and can you sustain this project post grant funding?

Yes

What are the goals and objectives of the project?

Modernize PSAP radio infrastructure by enhancing seven APX6500 radios with WiFi SmartConnect, transforming RF-only devices into hybrid LMR/broadband units.

Expand communication coverage by enabling radios to maintain P25 connectivity through secure WiFi when LMR coverage is degraded or unavailable.

Integrate PSAP radio systems using existing broadband technology to improve operational continuity and reduce reliance on a single RF path.

Increase system resiliency and redundancy through automatic failover between LMR and WiFi, ensuring uninterrupted dispatcher to field communication.

Improve interoperability across PSAP positions and field units by standardizing SmartConnect capabilities across all seven radios.

Provide detail on the timeline for completion of the project, milestones, deliverables and dates:

Timeline for the project would be to get approval for funding at the next 911 Coordination Board Meeting. We would proceed as soon as funding is approved.

Include any other information that may be helpful to support your project funding application, if any:

Currently the Huron PSAP uses radio over phone lines to communicate Hand County and Kingsbury County First Responders. Replacing the existing radio over phone line system is essential to maintaining reliable, resilient, and interoperable public safety communications within the PSAP. Phone line based radio transport is an outdated technology that introduces significant operational, technical, and safety risks. Modern radio systems—especially those leveraging IP networks, broadband, and SmartConnect enabled devices—provide the reliability, redundancy, and interoperability required for today's emergency response environment.

Name of Applicant or contact person

Captain Jason Bechtold

Name of Agency Administrator

Derek Layher, Chief of Police

Signature of Applicant (if not Agency Administrator)



Date

7-30-24

Signature of Agency Administrator



Date

7/30/26

Agency contact information (name, address, phone number, tax payer ID)

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