



# Wyoming (WY)

**PSIC Federal Award: \$5,952,187**

(Awarded September 30, 2007)

## Summary

PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	\$460,988
NIMS Communication Unit Training for All-Hazards Response	\$1,190,437
Interoperability Portable Radio Coverage Enhancements	\$1,500,000
800 Megahertz (MHz) Connectivity for Interoperability	\$500,000
Statewide Dispatch Center Connectivity and Redundancy for Interoperability	\$1,500,000
Mobile and Portable Radio Purchases for Interoperability	\$622,197
Management and Administration (M&A)	\$178,565
Statewide Planning	-
<b>Total PSIC Award</b>	<b>\$5,952,187</b>

**Pass Through:** The State of Wyoming fulfilled the PSIC Grant Program requirement by passing through a minimum of 80 percent of the total award amount to local or tribal governments or authorized nongovernmental agencies.

**Strategic Technology Reserve (STR):** Wyoming allocated \$460,988 to its STR Investment.

## Investments

### Strategic Technology Reserve (STR)

Federal Amount:	\$ 460,988
Non-Federal Match Amount:	\$ 115,247
<b>Total Project Cost:</b>	<b>\$ 576,235</b>



<b>100%*</b> Acquisition & Deployment	<b>0%</b> Training & Exercise	<b>0%</b> Planning & Coordination
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*\*Percentages include both Federal and non-Federal Match funds.*

Wyoming has developed seven regional response teams and two mobile support vehicles (MSV) for responding to natural and man-made disasters. Each regional response team has communication capabilities and gateways to enable interoperability with agencies in the region. The State has identified a need for additional Project 25 (P25) radios that will be strategically placed throughout the State to enable interoperability between regional response teams and local agencies. This STR investment will provide a cache of P25 radios in each of the seven regions and each MSV to enable interoperability in multi-agency, multi-jurisdictional response efforts. This Investment satisfies the PSIC Program requirement to develop and implement an STR that is pre-positioned, deployable, and able to re-establish communication when critical infrastructure is damaged or destroyed.

### NIMS Communication Unit Training for All-Hazards Response

Federal Amount:	\$ 1,190,437
Non-Federal Match Amount:	\$ 0
<b>Total Project Cost:</b>	<b>\$ 1,190,437</b>



<b>0%*</b> Acquisition & Deployment	<b>100%</b> Training & Exercise	<b>0%</b> Planning & Coordination
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*\*Percentages include both Federal and non-Federal Match funds.*

Wyoming is developing WyoLink, a statewide digital trunked VHF Project 25 (P25)-compliant public safety communications system to achieve interoperability between local, State and federal public safety agencies. This Investment will provide training to all public safety agencies on the operation, policies, and procedures of the new system. The Investment will implement a training program that will provide classroom and practical radio training to all public safety agency personnel, and will focus on inter-agency and all-hazards communication. Local dispatch center personnel will receive additional training for the operation of dispatch consoles within a trunking system. In addition, Wyoming will provide Department of Homeland Security (DHS) Communications Unit Leader (COML) training to at least two people from each of the seven regional response areas and to Wyoming Office of Homeland Security communications personnel. The training and exercises provided by this Investment will develop communication unit leaders in each of the regional response regions and will improve interoperability between first responders and local, State, and Federal public safety agencies.

## Interoperability Portable Radio Coverage Enhancements

Federal Amount:	\$ 1,500,000
Non-Federal Match Amount:	\$ 375,000
<b>Total Project Cost:</b>	<b>\$ 1,875,000</b>



<b>100%*</b> Acquisition & Deployment	<b>0%</b> Training & Exercise	<b>0%</b> Planning & Coordination
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*\*Percentages include both Federal and non-Federal Match funds.*

The Wyoming Public Safety Communications Commission has been presented concerns about portable radio coverage. Areas of critical concern have been identified through testing and through a cooperative effort with local public safety providers. This Investment will help provide the radio equipment at local area radio sites for the improvement of portable radio coverage. Each site will consist of a tower for antennas, shelter for radio equipment, electrical power, back-up generator, and equipment for five-channel VHF trunking site. Once connected to the WyoLink system, the enhancements site will resemble all of the radio suites used on the overall system.

## 800 Megahertz (MHz) Connectivity for Interoperability

Federal Amount:	\$ 500,000
Non-Federal Match Amount:	\$ 125,000
<b>Total Project Cost:</b>	<b>\$ 625,000</b>



<b>100%*</b> Acquisition & Deployment	<b>0%</b> Training & Exercise	<b>0%</b> Planning & Coordination
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*\*Percentages include both Federal and non-Federal Match funds.*

Wyoming is developing a digital trunked VHF public safety communications system; however, Casper and Cheyenne continue to operate on existing 800 MHz systems. In order for the users of the 800 MHz systems to interoperate on WyoLink VHF system, portable and mobile radios will require firmware and software upgrades. This Investment will upgrade Natrona County/Caspar and Cheyenne Fire systems and provide a direct connect to the WyoLink Master Site, which will enable seamless interoperability between State and local public safety agencies.

## Statewide Dispatch Center Connectivity and Redundancy for Interoperability



Federal Amount:	\$ 1,500,000
Non-Federal Match Amount:	\$ 375,000
<b>Total Project Cost:</b>	<b>\$ 1,875,000</b>

<b>100%*</b> Acquisition & Deployment	<b>0%</b> Training & Exercise	<b>0%</b> Planning & Coordination
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*\*Percentages include both Federal and non-Federal Match funds.*

Dispatch center connectivity to WyoLink is a key component of a shared statewide trunking system. This Investment will provide P25 digital trunking control stations, combiners, and antenna systems to complete the redundant wireless connectivity between dispatch centers and WyoLink. This Investment will provide continued dispatch center connectivity during a catastrophic failure of the wire-line connection, thereby improving the reliability of the system for multi-jurisdictional, multi-disciplinary all-hazard communications.

## Mobile and Portable Radio Purchases for Interoperability



Federal Amount:	\$ 622,197
Non-Federal Match Amount:	\$ 155,549
<b>Total Project Cost:</b>	<b>\$ 777,746</b>

<b>100%*</b> Acquisition & Deployment	<b>0%</b> Training & Exercise	<b>0%</b> Planning & Coordination
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*\*Percentages include both Federal and non-Federal Match funds.*

The State's Public Safety Mobile Communications Plan estimated that there would be a need for 5000 portable radios and 6300 mobile radios if all public safety agencies within Wyoming use the statewide system (WyoLink). The State has already purchased approximately 2300 portable radios and 2400 mobile radios for public safety agencies migrating from their current VHF analog systems to WyoLink. This Investment will allow for the purchase of additional P25-compliant radios, with backward compatibility with conventional VHF radio systems that will be interoperable between agencies and operable on the WyoLink system.

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## PSIC Administration and Statewide Planning Costs

### Management and Administration (M&A)

Federal Amount:	\$ 178,565
Non-Federal Match Amount:	\$ 44,641
<b>Total Project Cost:</b>	<b>\$ 223,206</b>

The State was allowed to retain up to three percent of the total PSIC award for costs associated with the administration of the State's PSIC Investments. The M&A costs could include hiring full-time or part-time staff or contractors for grant management services related to reporting, monitoring and audit compliance, and associated travel and meeting expenses.

### Statewide Planning

Federal Amount	\$ 0
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The State was allowed to retain up to five percent of the total PSIC award for Statewide Planning costs associated with the incorporation of the PSIC criteria into the Statewide Communication Interoperability Plan (SCIP). The Statewide Planning period of performance was April 1, 2007–December 3, 2007, with the submission of the SCIP. Wyoming chose not to utilize its PSIC funds in this manner.

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