



Idaho (ID)

PSIC Federal Award: \$7,289,795

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
State of Idaho Strategic Technology Reserve (STR)	\$564,584
Gold Mountain Communications Site Project	\$512,000
State of Idaho – Multisite 700 Megahertz (MHz) Installation	\$1,250,709
Increase Capacity of Ada County’s Master Switch	\$200,000
Canyon County Interoperable Communications System	\$958,715
Caribou County 700 MHz Trunk Site—Rabbit Hill	\$187,500
Monida Pass/Ashton Hill Repeaters 700 MHz Trunk Linked to State System	\$517,373
Boundary County—Dawson Ridge	\$26,804
Blaine County Level 5 Interoperability Project—700 MHz Migration	\$1,044,000
Kootenai County—North Idaho 700 MHz Project	\$2,028,110
Management and Administration (M&A)	-
Statewide Planning	-
Total PSIC Award	\$7,289,795

Pass Through: The State of Idaho 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 non-governmental public safety agencies.

Strategic Technology Reserve (STR): Idaho allocated \$564,584 to its STR Investment.

Investments

State-level Match Amount: \$51,286

State of Idaho Strategic Technology Reserve (STR)

Federal Amount:	\$ 564,584
Non-Federal Match Amount:	\$ 141,146
Total Project Cost:	\$ 705,730



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

The public safety agencies within the State of Idaho operate on a variety of communications systems (VHF, UHF, 700 MHz, and 800 MHz) and no one agency has the ability or equipment necessary to be able to re-establish radio communications in the event of system failure. This Investment will provide for the acquisition of Project 25 (P25) interoperable and portable communications systems available for rapid deployment and capable of re-establishing communications for public safety agencies and emergency first responders operating within the State of Idaho. The acquisition of these portable P25 capable radio systems will enable the Idaho Bureau of Homeland Security to rapidly respond to situations, events, and disasters, and enable front line communications with first responders across the State. This Investment satisfies the PSIC Program requirement to develop and implement an STR that is pre-positioned, deployable and able to re-establish communications when critical communications equipment is damaged or destroyed.

Gold Mountain Communications Site Project

Federal Amount:	\$ 512,000
Non-Federal Match Amount:	\$ 128,000
Total Project Cost:	\$ 640,000



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

First responders and public safety agencies within Bonner County operate on disparate systems, which hinders emergency communications and interoperability between agencies. This Investment will enable the County to install a 700 MHz digital radio repeater site on Gold Mountain to expand coverage. The Gold Mountain Communication Site will integrate with the statewide microwave system, provide the infrastructure for voice and data communications, and move toward greater statewide interoperability. Overall, this Investment will provide voice and data communication capabilities, enhance Incident Command capabilities, and enable interoperability for first responders across the region.

State of Idaho – Multi-site 700 Megahertz (MHz) Installation

Federal Amount:	\$ 1,250,709
Non-Federal Match Amount:	\$ 266,391
Total Project Cost:	\$ 1,517,100



82%* Acquisition & Deployment	0% Training & Exercise	18% Planning & Coordination
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**Percentages include both Federal and non-Federal Match funds.*

Idaho's statewide radio system has limited coverage in several regions. This Investment proposes that Idaho purchase three 700 MHz, eight-channel trunked systems and three 700 MHz, six-channel trunked systems to be deployed at strategic locations throughout the State. These systems will provide a seamless, wide-area communications infrastructure, which will allow first responders direct communications with one another. When these sites are operational, there will be 700 MHz mobile coverage across eastern and southern Idaho and 700 MHz regional coverage from Boise to Pocatello and Idaho Falls.

Increase Capacity of Ada County's Master Switch

Federal Amount:	\$ 200,000
Non-Federal Match Amount:	\$ 50,000
Total Project Cost:	\$ 250,000



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

Ada County hosts a master site that serves as a core network center and provides users with interoperability and wide-area radio communication. Currently, the core router provides 24 ports for T1 connections, of which 17 of its 24 ports are in use. The core router is close to maximum capacity, which will prevent future users from accessing the master site. This Investment will fund the purchase of additional core router, which will increase the number of available ports from 24 to 48. This doubling of capacity will increase the number of users who can access the master switch and the shared statewide system. This Investment will increase the number of users to the system (law enforcement, fire, EMS, and State agencies) and enable interoperability for agencies operating in the region.

Canyon County Interoperable Communications System

Federal Amount:	\$ 958,715
Non-Federal Match Amount:	\$ 239,679
Total Project Cost:	\$ 1,198,394



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

First responders in Canyon County have an immediate need to effectively communicate with each other in emergencies and in day-to-day situations. Currently responders use analog VHF and UHF and 700 MHz systems. This Investment will finish the build-out of Canyon County's 700 MHz infrastructure by constructing three new tower sites. The Investment will also fund the purchase of portable and mobile 700 MHz radios for responders. Overall, this Investment will provide interoperable communication among all first responders within the county, with surrounding counties that have migrated to 700 MHz systems, and with State response agencies.

Caribou County 700 MHz Trunk Site - Rabbit Hill

Federal Amount:	\$ 187,500
Non-Federal Match Amount:	\$ 46,875
Total Project Cost:	\$ 234,375



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

Eastern Caribou County experiences coverage gaps and lacks connectivity with the statewide system. This Investment will fund the installation of a 700 MHz trunked site at Rabbit Hill. Installation of the system at this site will significantly improve communication among various State and local entities, including the Idaho State Police and the Idaho Transportation Department. Completion of this project will link Idaho's western border with its eastern border and all jurisdictions in-between. The system will support and facilitate mutual aid responses and interoperable communication between mutual aid partners, counties, and states.

Monida Pass/Ashton Hill Repeaters 700 MHz Trunk Linked to State System



Federal Amount:	\$ 517,373
Non-Federal Match Amount:	\$ 129,344
Total Project Cost:	\$ 646,717

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

All Clark and Fremont County first response lack coverage, capacity, and access to the statewide network, which hinders interoperable communication. This Investment will provide funding to install digital trunked networked repeaters, which will enable counties to join the statewide 700 MHz system. By providing a functioning network and backbone system, agencies will be able to purchase 700 MHz radios, join the statewide system, and promote trunked interoperability to effectively communicate within the counties and with neighboring jurisdictions.

Boundary County—Dawson Ridge



Federal Amount:	\$ 26,804
Non-Federal Match Amount:	\$ 6,701
Total Project Cost:	\$ 33,505

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

Boundary County has coverage gaps and is experiencing difficulty increasing coverage in its service area. This Investment proposes funding the purchase of a dual-band VHF/UHF repeater at the Dawson Ridge site in Boundary County. The installation of this additional repeater will expand coverage for public safety agencies utilizing radios operating in the VHF/UHF band including radios used by the Idaho State Police, the Canadian Mounties, and neighboring States of Montana and Washington.

Blaine County Level 5 Interoperability Project—700 MHz Migration



Federal Amount:	\$ 1,044,000
Non-Federal Match Amount:	\$ 256,000
Total Project Cost:	\$ 1,300,000

98%* Acquisition & Deployment	0% Training & Exercise	2% Planning & Coordination
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**Percentages include both Federal and non-Federal Match funds.*

There is no interoperable communication capability between various emergency response disciplines in Blaine County or ability for technical expansion with the existing equipment. This Investment will provide funding to install a P25-compliant, shared 700 MHz backbone system and two six-channel 700 MHz repeaters. By using the 700 MHz spectrum in a trunked system, Blaine County agencies will be able to communicate in a more effective and efficient manner during day-to-day operations and in widespread emergencies.

Kootenai County—North Idaho 700 MHz Project



Federal Amount:	\$ 2,028,110
Non-Federal Match Amount:	\$ 507,028
Total Project Cost:	\$ 2,535,138

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

Kootenai County possesses aging communication systems that utilize disparate frequencies, which hinders interoperability. This Investment proposes installing a 700 MHz digital smart zone trunking system to be used by all public safety agencies. The Investment will provide a single system for agencies in the County by migrating 32 independent VHF/UHF transmitters to one system. Overall, the Investment will enable interoperability between all disciplines within the operational area.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	\$ 0
Non-Federal Match Amount:	\$ 51,286
Total Project Cost:	\$ 51,286

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- or part-time staff or contractors for grant management services related to reporting, monitoring, audit compliance, and associated travel and meeting expenses. Idaho did not allocate any of its Federal PSIC grant funding for M&A costs, but did allocate State funding to M&A costs as part of its matching requirement.

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. Idaho, however, chose not to allocate PSIC funds in this manner.