



Guam (GU)

PSIC Federal Award: \$ 2,600,678

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Emergency Communications to support Island wide Response to Natural or Man-Made incidents—Strategic Technology Reserve (STR)	\$1,070,600
Satellite Communications System to Support Guam’s Response to Natural or Man-made Incidents—STR	\$921,450
Emergency Project 25 (P25) Radio Cache to Support Island wide response to Natural or Man-made Disasters	\$254,628
Replacement of Subscriber Units That Are No Longer Supported by Vendor	\$329,000
Law Enforcement, Fire, and EMS Dispatcher Training	\$25,000
Management and Administration (M&A)	-
Statewide Planning	-
Total PSIC Award	\$2,600,678

Pass-through Requirement: Guam, being a U.S. Territory, does not have a pass-through requirement under the PSIC Grant Program.

Strategic Technology Reserve (STR): Guam allocated \$1,992,050 to its STR Investments.

Investments

Emergency Communications to Support Island-wide Response to Natural or Man-Made Incidents —Strategic Technology Reserve (STR)

Federal Amount:	\$ 1,070,600
Non-Federal Match Amount:	\$ 0
Total Project Cost:	\$ 1,070,600



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

Guam's current communications equipment includes audio patching capabilities, a 10-line phone system, and cellular telephone interface. However, the Territory lacks a mobile communications vehicle, mobile dispatcher capability, and alternate dispatch, which severely limits its mobile incident and tactical dispatching capabilities. The STR Investment will provide funds for the acquisition of a communications trailer equipped with VHF, UHF, and 800 MHz radios. The equipment will be P25-compliant and provide Guam's public safety agencies with an Internet Protocol (IP) based audio bridge. This Investment satisfies the program requirement to develop and implement a Strategic Technology Reserve (STR) that is pre-positioned, deployable, and able to reestablish communications with critical communications equipment is damaged or destroyed.

Satellite Communications System to Support Guam's Response to Natural or Man-made Incidents – STR

Federal Amount:	\$ 921,450
Non-Federal Match Amount:	\$ 0
Total Project Cost:	\$ 921,450



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

Guam has a single point of failure issue in its public safety infrastructure. If the local phone company switch fails, communication across the island becomes impossible. This Investment will provide public safety agencies with continuity of operations in the event that critical communications infrastructure is damaged. This Investment will acquire a portable satellite IP-based communications infrastructure and Very Small Aperture Terminal (VSAT) satellite equipment. This satellite system will support 100 users with digital data, IP phones, analog public switch telephone network phones, and wireless LAN (local area network) for phones and computers. This Investment satisfies the program requirement to develop and implement a Strategic Technology Reserve (STR) that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

Emergency Project 25 (P25) Radio Cache to Support Island-wide response to Natural or Man-made Disasters



Federal Amount:	\$ 254,628
Non-Federal Match Amount:	\$ 0
Total Project Cost:	\$ 254,628

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

Located in the Western Pacific Ocean, Guam is at high risk for natural disasters, including typhoons and earthquakes. There is a large group of response agencies (e.g., Department of Public Health & Social Services, Department of Public Works, Guam Memorial Hospital, U.S. Coast Guard, National Guard, Federal Bureau of Investigation, Federal Emergency Management Agency, and the Red Cross) that do not operate on the Public Safety Communication System (PSCS) on a daily basis. During a disaster, the responders need to be able to communicate on the system. This Investment will provide a cache of one hundred 800 MHz P25-compliant radios. This Investment will ensure that all agencies with disaster responsibilities can communicate and interoperate during the disaster.

Replacement of Subscriber Units That Are No Longer Supported by Vendor



Federal Amount:	\$ 329,000
Non-Federal Match Amount:	\$ 900,000
Total Project Cost:	\$1,229,000

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

Guam currently operates on obsolete equipment that is no longer supported by the manufacturer. The Investment will replace outdated base station units, supporting antenna systems, and portable radios with P25-compliant equipment. The new equipment will operate on the existing 800 MHz analog system and on the future 800 MHz, P25-capable infrastructure. The number of radio units to be purchased will be based on the results of the ongoing equipment inventory being conducted by the Interoperability Communication Coordinator (ICC) of the Public Safety Communication System.

Law Enforcement, Fire, and EMS Dispatcher Training



Federal Amount:	\$ 25,000
Non-Federal Match Amount:	\$ 0
Total Project Cost:	\$ 25,000

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

All system patching that provides interoperability between agencies must be initiated by the Guam Police Department (GPD) or the Guam Fire Department (GFD). It is essential that these dispatchers are trained with the skills to handle the Territory's dispatching needs. However, Guam is isolated geographically and it is difficult to get all the fire and police dispatchers the proper training. This Investment will provide dispatch training through a "train-the-trainer" program where four people will be sent off-island for training and will return to train remaining dispatchers. In addition, the Investment will promote Communications Unit Leader (COML) training and Incident Command System (ICS) training opportunities for some of the communications personnel.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

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

The Territory was allowed to retain up to three percent of the total PSIC award for costs associated with the administration of the Territory'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. Guam, however, chose not to allocate PSIC funds in this manner.

Statewide Planning

Federal Amount	\$ 0
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The Territory 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. Guam, however, chose not to allocate PSIC funds in this manner.