

SOUTH CAROLINA LAW ENFORCEMENT DIVISION

NIKKI R. HALEY
Governor



MARK A. KEEL
Chief

June 26, 2012

Mr. Scot Wendelken
Greenville County Office of Emergency Management
P.O. Box 2207
Greenville, S.C. 29602-2207

RE: Fiscal Year 2011 State Homeland Security Program
Grant Number: 11SHSP68
Project Name: Interoperable Communications Enhancements \$33,570.00

Total Amount of Award: \$33,570.00

Dear Mr. Wendelken:

We are pleased to provide you with the original and one copy of the grant award approved by the South Carolina Law Enforcement Division, as the State Administrative Agency, in the amount of \$33,570.00. This award will be effective upon **final approval** of the grant application budget and program narrative to be filled out on the Homeland Security Electronic Grant Management System located on the internet at <https://www.southcarolinadhs.com>. Final approval of the grant application will be sent to you in the form of a Grant Adjustment Notice. **No funds are to be obligated or expended until receipt of the Grant Adjustment Notice.** Additionally, in order to complete this award, it is necessary that the Official Authorized to Sign return the original grant award with an original signature no later than **July 16, 2012**. Also enclosed in this package are the grant terms and conditions and the certification pages. Please fill out, sign and return the certification pages with the signed grant award. The signed originals should be sent to the following address:

South Carolina Law Enforcement Division
Office of Homeland Security
Post Office Box 21398
Columbia, South Carolina 29221-1398

As a reminder, the Request for Payment/Quarterly Fiscal Report is due within 30 days of the end of every calendar quarter. The **final** Request for Payment/Quarterly Fiscal Report and the Program Evaluation are due 45 days after the end of the grant period. Semi-annual Progress Reports are due within 30 days after the end of the reporting period, until the expiration of the grant. Your commitment to addressing the homeland security needs in your community and throughout South Carolina is appreciated.

Sincerely,

Mark Keel, Chief
South Carolina Law Enforcement Division



Investment Proposal Identification

Grant

11HSGP

**Jurisdiction &
Agency Name:**

Greenville County
Emergency Management EOC

Funding Request (\$):

\$33,570

Investment Name:

Enhanced Interoperable Communications and
Damage Assessment Reporting Capabilities

Investment Phase (New or Ongoing):

New

Regional Investment (Yes or No)

Yes

If yes, with which Counties?

All

I.A. Baseline – Any Other Funding - Request Name and Funding

If the Investment was funded in any previous request, please provide the name of the grant and the total amount of funding that was dedicated to this investment, if any.

Previous funding:

I.B. Provide a brief description of this investment and what capabilities will be built or maintained/sustained. Include the planning, organization, equipment, training and/or exercises that will be involved.

Satellite radio communications equipment will provide the EOC with telecommunications redundancy in the event traditional communication means are untenable. The acquisition of a Geo-Based Asset Management Tool for emergency management operations facilitates paperless geo-asset identification/inventory, inspections and situation reporting. Critical information such as GPS location, date, time, attributes or issue identification and pictures are logged by a handheld computer and incorporated software. The Geo-Based Asset Management Tool is user defined and permits easy adaptation of screen input for collecting all information in a timely and accurate manner. The acquisition of Geo-Based Asset Management Tool hardware and software will provide instantaneous reporting and storm damage tracking capabilities to the EOC. In the event of communications interruptions, the tool is capable of storing all pertinent information (maps, reports, photographs, etc.) or it can forward the information via a built-in wi-fi. MSA Gas Detection Meter will enhance Greenville County's ability to detect hazardous gaseous vapors. The operating device warns users of harmful gases and toxins that may be in the area. This gas detector features adjustable alarm set points as well visual, audible and a vibrating alarm system to alert users.

I.C. Describe existing capability levels prior to the use of funds.

UHF / VHF Radios: The existing UHF and VHF radios within the EOC are 25-30 years old. They are solid crystal technology and extremely limited in capabilities.

Satellite Phone: The current satellite phone within the EOC has been inoperable for more than two years and the technology is obsolete.

Geo-Based Asset Management Tool Hardware / Software: The current method of reporting damage in the aftermath of an event is through field-mounted laptops. Information is entered into the laptop, photographs taken, and relayed to an offsite collection point. This information is then entered into WebEOC. In order to determine the storm path, the information must be manually plotted on a map. This method is time consuming and cumbersome.

MSA Gas Detection Meter is a single-button operating device designed to warn users of harmful gases and toxins that may be in the area. The gas detector features a tough rubberized housing as well as a large, clear and easy to read LCD screen. In addition, the device features adjustable alarm set points as well visual, audible and a vibrating alarm system to alert users

I.D. Explain the capability gap(s) that this Investment is intended to address.

The acquisition of this equipment (hardware & software) is intended to radically upgrade EOC interoperable capabilities.

Through the modernization of radios the EOC communications capabilities will enter the 21st century.

The addition of a working satellite phone provides a level of redundancy that currently does not exist.

The introduction of the Geo-Based Asset Management Tool provides a leap forward in formation collection and communication of damage reporting/tracking that the county does not currently possess.

The acquisition of the MSA Gas Detection Meter enables detection of hazardous gaseous vapors and warns users of harmful gases and toxins that may be in the area

II.A. Funding Plan

Provide the total estimated cost for the period of performance for this Investment by completing the following table:

- **Provide solution area costs (including personnel); for funding sources other than Homeland Security funds, identify the funding source**
- **For each solution area that has an associated funds request, provide a brief summary description of the planned expenditures (including personnel)**

	Homeland Security Grant Program Request	Other Funding Sources Applied	Grand Total
Planning			
Equipment	\$33,570		\$33,570
Training			
Exercises			
Total	\$33,570		\$33,570

Planning

Equipment
UHF / VHF Radio Equipment: \$11,327 2 UHF XTL2500 Radios with hardware 2 VHF XTL2500 Radios with hardware
Satellite Phone: \$2,043 1 Iridium Satellite Phone with prepaid minutes
Geo-Based Asset Management Tool (hardware & software): \$19,000 6 Touch Handheld computers with software, Bluetooth, wi-fi, mapping application, & annual software assurance
MSA Gas Detection Meter: \$1,200