COUNTY AGENDA REQUEST

Department:	Fire and Emergency Services	Presenter(s):	Allen McCullough
Meeting Date:	Thursday, August 9, 2012	Type of Request:	Consent

Wording for the Agenda:

Approval of staff's request to submit an application to the Georgia Emergency Management Agency (GEMA) for a 2012 Emergency Management Performance Grant, in the amount of $17,848.00, for the purchase and installation of a weather warning siren, and to authorize the Chairman to sign the application and related documents contingent upon the County Attorney's review.

Background/History/Details:

Recently, Fayette County placed an order for a weather warning siren in the amount of $35,696.00. It is intended that this siren will be installed at Rivers Elementary School in order to warn students, faculty, and nearby residents in the area of severe weather.

The Georgia Emergency Management Agency (GEMA) has offered a grant opportunity to obtain Emergency Public Information / Early Warning Systems. If awarded, Fayette County would receive $17,848.00 to use for its Emergency Public Information / Early Warning Systems. The funding for this grant requires a local dollar-per-dollar match; meaning that in order to receive $17,848 from GEMA, Fayette County would have match that amount. Fayette County's match will be directly used for the purchase of the siren, and GEMA will supply the remaining money toward that purchase.

If awarded, the grant money would be placed against the $35,696.00 weather warning siren, and Fayette County's cost for the siren would reduce by half.

What action are you seeking from the Board of Commissioners?

Approval of staff's request to submit an application to the Georgia Emergency Management Agency (GEMA) for a 2012 Emergency Management Performance Grant, in the amount of $17,848.00, for the purchase and installation a weather warning siren, and to authorize the Chairman to sign the application and related documents contingent upon the County Attorney's review.

If this item requires funding, please describe:

If the grant is approved, Fayette County will have to pay $17,848.00 to match the grant award. Funds for this request are available in the Early Warning Siren Project Fund.

Has this request been considered within the past two years?	No	If so, when?	
Is Audio-Visual Equipment Required for this Request?*	No	Backup Provided with Request?	Yes

**** All audio-visual material must be submitted to the County Clerk's Office no later than 48 hours prior to the meeting. It is also your department's responsibility to ensure all third-party audio-visual material is submitted at least 48 hours in advance.***

Approved by Finance	Yes	Reviewed by Legal	
Approved by Purchasing	Not Applicable	County Clerk's Approval	Yes
Administrator's Approval	Yes		

Staff Notes:

GEORGIA EMERGENCY MANAGEMENT AGENCY

2012 Emergency Management Performance Grant (2012 EMPG)

Response and Recovery Competitive Awards

Pre-Application

Please review pre-application guidelines and instructions for details on submission requirements

This *pre-application* is for the 2012EMPG Response and Recovery Award submitted to the Georgia Emergency Management Agency-Homeland Security (GEMA-Homeland Security). This pre-application may cover requirements for more than one community. Please complete *all* sections and provide *all* information as requested. **Incomplete pre-applications will be removed from further consideration.** From the pre-application pool GEMA-Homeland Security will select projects for full application submissions. Successful applicants will receive notification of acceptance and instruction on how to proceed with the full application. The applicant will be required to match the EMPG Funds with a cash or in-kind match. If you require assistance with this pre-application, please contact your GEMA-Homeland Security Field Coordinator.

Applicant Information

Implementing Agency	Fayette County Emergency Management				
DUNS Number		**FEI Number**			
Mailing Address	140 Stonewall Ave Suite 214				
City	Fayetteville	**State**	Georgia	**ZIP + 4**	30214

Application Amounts Requested

Total Project Cost	EMPG Funds	Local Match Cash / In-Kind	
$35,696.00	**$17,848.00**	**$17,848.00**	

Local Contact Information

Authorized Agent Name	Phone	Email Address
Allen McCullough	770-305-5414	allenm@fayettecountyga.gov

Project / Application Manager	Phone	Email Address
Pete Nelms	770-305-5172	Peten@fayettecountyga.gov

A. Project Type:

(choose only one)

This is not an all-inclusive listing of eligible EMPG projects. Please view the following link for eligible projects; https://www.rkb.us/

- ☐ Communications Equipment (for narrow-banding)
- X Emergency Public Information / Early Warning System
- ☐ Potable Water systems
- ☐ Local EOC Upgrades
- ☐ Power Generator for Critical Facility
- ☐ Sheltering Equipment / Training (congregate shelters)
- ☐ Search and Rescue Equipment

☐ Other EMPG eligible project _____

(see FEMA's Responder's Knowledge Base at https://www.rkb.us/for a list of eligible activities)

B. Project Description

Attach a description of the proposed project. Clearly outline the scope of the proposed project and list the project goals and objectives. Include in your description the need for this activity and the problems this activity will address, the methodology for implementing this activity, and how the project fits in with current systems and plans and those local agencies, departments, officials or citizens groups involved in the decision making process.

As a result of the findings of a comprehensive hazard analysis conducted in 1999, Fayette County embarked upon an ambitious program to better warn its residents of severe weather specifically severe thunderstorms that include lightning and straight-line winds and tornadic activity. Phase I of the project is to install warning sirens for all seven manufactured housing communities. Phase II is to install severe weather sirens in all public recreation areas in Fayette County. These areas commonly attract thousands of visitors including organized adult, youth, and handicapped children's sports activities. Phase III of the program will be to warn residents in high occupancy areas such as schools, subdivisions and cluster home communities.

As a Storm Ready Community (Fayette County was one of the first approved Storm Ready Communities in Georgia and has since recertified three times) Fayette County takes very seriously the threat of severe weather. As part of the Storm Ready assessment the County and the National Weather Service identified the need for additional warning capabilities and that severe weather continues to be the greatest natural threat to our community.

Our goal with this project is to install a weather warning siren at Rivers Elementary School located at 461 Sandy Creek Rd. Fayetteville, Ga. 30214 to warn students and faculty and residents in the area of severe weather. This project and siren is in keeping with the overall goal of Phase III of a countywide weather warning system.

C. Public Awareness Component

Attach a description of how the public will be helped by the project. Include all aspects of your project which inform the public (1) of the dangers of the hazard being mitigated or how this project will enhance the local efforts to protect life and property and (2) how to prepare and respond to an impending hazard(s) occurrence before and after the event(s) (e.g. workshops, involvement in exercises, videos ,news articles/ interviews, civic club presentations, etc.).

Weather warning sirens are an effective method by which to warn the public of severe weather. Tornadoes, straight line winds, severe thunderstorms are all threats to Fayette County. To reduce the loss of life from severe weather our citizens must be warned before weather strikes. More importantly however, they must be educated on what actions to take when weather warning sirens sound. This will be accomplished by a severe weather education program that will include types of severe weather that could affect our community, steps on how to prepare for severe weather, what steps to take when weather warning sirens are sounded, and safe places in the home. The Emergency Management Agency has completed (others are scheduled) a weather preparedness informational session in affected subdivision and communities in an effort to educate residents on how to prepare for severe weather. Our education component will also include our public school system and web-based education, mass media and a severe weather speaker's bureau. This program is on going through our upcoming Storm Ready recertification that will occur in 2013, that requires an educational component for recertification.

Realizing that educating our public about severe weather and what actions should be taken are equally, if not more important than the warning itself. Fayette County Emergency Management will continue to seek and implement effective and efficient methods to not only warn the public of severe weather, but to educate them about it as well.

D. Planned Exercise Component

Attach a description of all exercises being planned related to this project. Include the type of exercise, a timeline of when the exercises will happen, and summary of who will be involved.

Describe, in detail, all exercises being planned. Include the type of exercise, a timeline of when the exercises will happen, and summary of who will be involved.
The Fayette County Emergency Management Agency has a very active exercise program. The Agency has conducted GEMA evaluated tornado exercises that included unincorporated Fayette County and all municipalities. The Agency far exceeds minimum exercise requirements and reports all exercises to the Georgia Emergency Management Agency.

The Agency (regardless of approval of this grant or not) will conduct several exercises with at least one exercise being severe weather related. The exercise will include a communications and warning component. The following will participate in these exercises.

Fayette County EMA
All Public Works Departments
Fire/EMS
911 Center
Law Enforcement
Administration
Animal Control
Red Cross
Public Health
Hospital
Tax Assessors Office
Private Sector
Amateur Radio
Board of Education

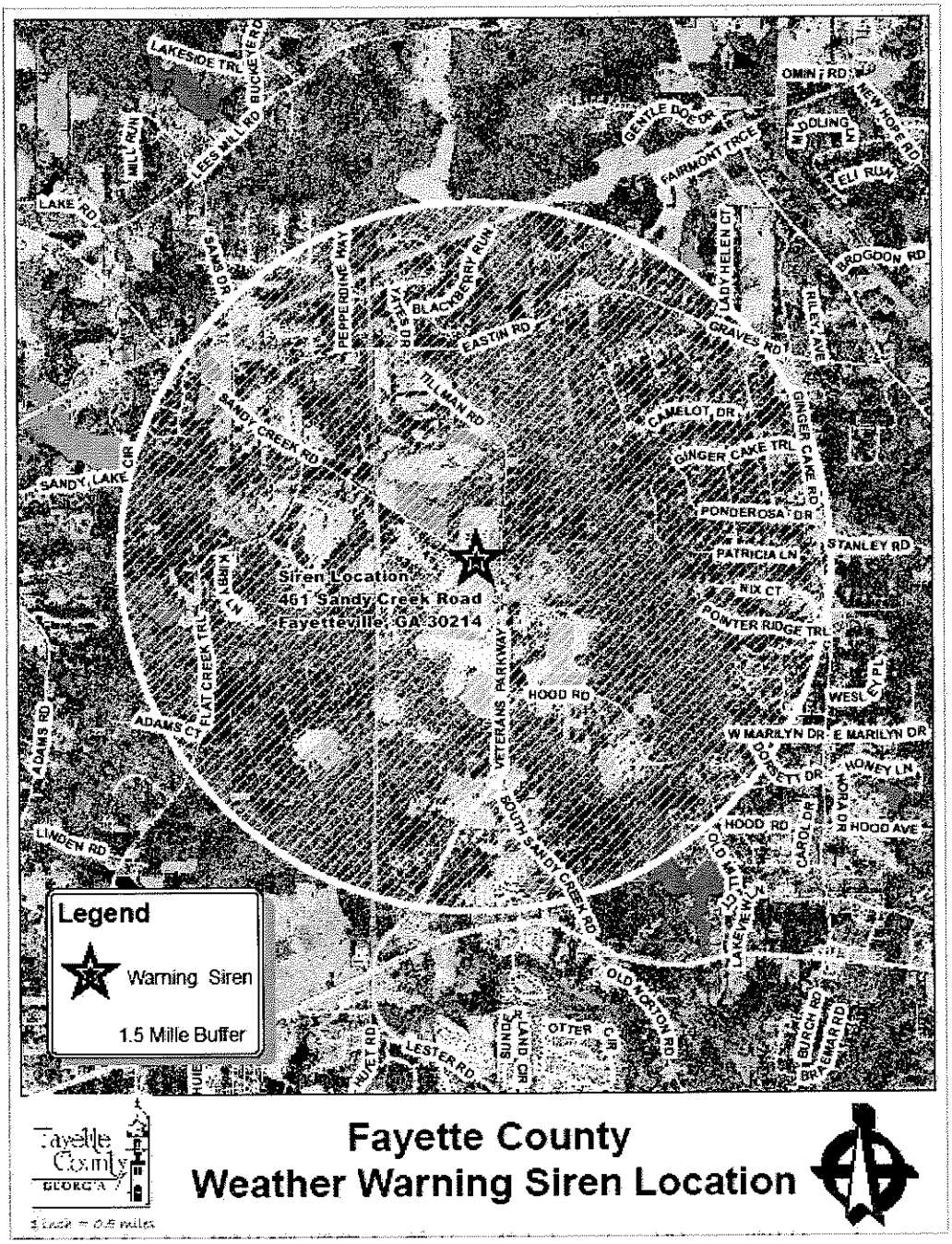
Exercise facilitator/EOC
Debris Removal
Life Safety/Rescue
Warning and Communications
Crowd Control
Public Officials/Finance
Public Works
Shelters
Nurses/Health Issues
Medical Care
Damage Assessment
Business Continuity
Back up Communications
School safety and sheltering

In addition, all Fayette County departments, schools and all municipalities participate in the annual statewide tornado drill each February. This exercise tests the current functionality of the system, alerts citizens about the need to prepare for severe weather, and helps identify gaps in warning coverage.

E. Project Location (if requesting funds for more than one location please provide location and population affected for each request). **Attach the following:**

1. Description of Service Area of Proposed Project
   Describe the area protected by this project; include the location (street numbers or neighborhoods) and zip codes.

The area protected by this project is 1.5 miles omni directional and includes the shaded area below. The entire area is in the 30214 zip code.



2. Description of the population that will be benefit by the proposed project
Please include the estimated population number

Using the latest census data the estimated population of this area is 4183. Please note that the protected area includes an elementary school, the community's hospital, medical center and a large area on residential properties.

Structure Type	Count
Residential	778
Commercial Building	7
Church Building	1
Hospital Building	2

F. Implementation Schedule

Attach an estimated time-line for the critical activities to complete the project. All work must be completed by June 30, 2012 and all financial documentation must be completed and submitted to GEMA-Homeland Security by August 1, 2012.

1. Description of Task

Install a weather warning siren at Rivers Elementary School at 461 Sandy Creek Rd. Fayetteville, Ga. 30214

2. Number of Days to Complete

*	Environmental and historical review	120 days
*	Order and siren delivery	90 days
*	Install siren	20 days
		210 days

H. Certification by Authorized Applicant Agent

An individual authorized to sign financial and legal documents on behalf on the local government (e.g., the Chairperson, Board of County Commissioners or the County Manager, etc.).

☐Ms. X Mr. ☐Mrs.

First Name Allen

Last Name McCullough

Title Fire Chief, EMA Director, and Public Safety Director

Telephone # 770-305-5170 Fax # 770-305-5190

Street Address 140 Stonewall Ave

City Fayetteville

State Ga. Zip Code 30214

E-mail address allenm@fayettecountyga.gov

I certify that if funded the applicant community will comply with all requirements of the Emergency Management Performance Grant (EMPG) Program.

Allen McCullough 17 July 2012

Signature **Date**

J. Project Estimate Budget Worksheets

List all anticipated project costs. Consider the potential future date of construction when compiling the cost estimate.

PROJECT ESTIMATE BUDGET WORKSHEET
EQUIPMENT AND INSTALLATION COST

Item	Quantity	Unit Cost	Cost Estimate	Funding Source
Weather Warning Siren	1	35,696.00	$35,696.00	EMPG Award and local funds
Total Estimated Project Cost				$35,696.00

K. Calculation of EMPG – Local Project Cost Share

Tier One	The State – Local Project Cost Share shall be 85% state and 15% local up to a maximum state EMPG award of $42,500.
Tier Two	The State – Local Project Cost Share shall be 75% state and 25% local up to a maximum state EMPG award of $37,500.
Tier Three	The State – Local Project Cost Share shall be 50% state and 50% local up to a maximum state EMPG award of $25,000.
Tier Four	The State – Local Project Cost Share shall be 50% state and 50% local up to a maximum state EMPG award of $25,000.

Examples of the calculation of the EMPG – Local Project Cost Share

	Total Project Costs		
	$40,000	**$50,000**	**$60,000**
Tier One 85% - 15%	State - $34,000 Local - $6,000	State - $42,500 Local - $7,500	State - $42,500 Local -$17,500
Tier Two 75% - 25%	State - $30,000 Local - $10,000	State - $37,500 Local - $12,500	State -$37,500 Local - $22,500
Tier Three 50% - 50%	State - $20,000 Local - $20,000	State - $25,000 Local - $25,000	State - $25,000 Local - $35,000
Tier Four 50% - 50%	State - $20,000 Local - $20,000	State - $25,000 Local - $25,000	State -$25,000 Local - $35,000

CALCULATION OF EMPG AWARD

1. Enter the total Estimated Project Cost	$35,696,00
2. Determine the jurisdictions Job Tax Tier Ranking and and enter the percentage (refer to support documents) ☐ Tier 1 - .85 ☐ Tier 2 - .75 ☐ Tier 3 - .50 X Tier 4 - .50	$ 17,848.00
3. Multiply line 1 by the Tier percentage and enter the amount ****If the product is larger than the maximum award for your Tier, enter the maximum award amount for your Tier**	$17,848.00 **Federal EMPG Award**

CALCULATION OF LOCAL SHARE

4. Enter the total Estimated Project Cost **(from line 1)**	$35,696.00
5. Determine the jurisdictions Job Tax Tier Ranking and and enter the percentage (refer to support documents) ☐ Tier 1 - .15 ☐ Tier 2 - .25 ☐ Tier 3 - .50 X Tier 4 - .50	$17,848.00
6. Multiply line 4 by the Tier percentage and enter the amount	$17,848.00 **Local non-federal Share**

Upon completion of initial GEMA Staff review of the R&R Award Application, the GEMA Staff shall work with the applicant to determine if any local in-kind contributions can be identified for the project which could be used in lieu of local cash match.