



City of Grand Island

Tuesday, November 27, 2012

Council Session

Item G4

#2012-340 - Approving Bid for Four (4) Outdoor Warning Sirens

Staff Contact: Jon Rosenlund, Director of Emergency Mgt.-911

Council Agenda Memo

From: Jon Rosenlund, Emergency Management Director

Meeting: November 27, 2012

Subject: Hazard Mitigation Grant - Sirens

Item #'s: G-4

Presenter(s): Jon Rosenlund, Emergency Management Director

Background

Hall County-Grand Island Emergency Management operates and maintains 39 outdoor warning sirens to alert the public of dangerous weather and other hazards. Many of these devices were installed between 1979 and 1981. These devices have an anticipated life span of 30 years, and existing sirens are already failing at a rate of almost 1-2 annually over the past few years.

Unfortunately, many repair parts are no longer available for these older models. Sirens which fail are replaced at significant cost on a case-by-case basis. In the past, the Emergency Management Department has planned to replace sirens annually, as necessary. However, the department anticipates a windfall of future siren failures as these devices reach and exceed their 30-year life-span. Local funds are not likely to be sufficient to keep up with the anticipated number of replacements needed.

Council approved a Hazard Mitigation Grant Program (HMGP) application by Resolution 2012-98. This grant was awarded for a \$60,000 project to replace four (4) sirens. The City budgeted the 25% match (\$15,000) in the Emergency Management Capital Improvement budget.

Discussion

The FEMA Hazard Mitigation Grant Program (HMGP) provides grants to States and local governments to implement long-term hazard mitigation measures after a major disaster declaration. The purpose of the HMGP is to reduce the loss of life and property due to natural disasters and to enable mitigation measures to be implemented during the immediate recovery from a disaster. The HMGP is authorized under Section 404 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act.

The HMGP Grant funds up to 75% of approved projects with a local match of 25%. The Department has funds budgeted sufficient for one siren in Capital Outlay and plans to use these funds as the 25% matching funds for the additional three (3) sirens. The Department is working together with the Community Development division to fund the initial payments for four sirens. Community Development will then receive the reimbursement funds from the grant and the Emergency Management Department's 25% match as income to offset their expenses.

The Emergency Management Department recently completed a formal bid process for the purchase and installation of four (4) sirens. Federal Signal Corporation provided the lowest qualifying bid of \$54,476.00 for the purchase and installation of these sirens. The Department recommends that Council award this bid to Federal Signal Corporation.

Each of these new sirens has a considerably larger effective radius of 70dB estimated at 6200 feet in all directions. Sirens listed to be replaced have much smaller radii, such as 1600 feet (see attached pdf map).

Hall County Siren Installation List		
Siren #	Description	Latitude / Longitude
4	Doniphan, Village of - Fire Station	N40 46.406 W98 22.181
13	Anna & Broadwell - 1700 Block of West Anna (Alley City Property)	N40 54.724 W98 21.189
18	4th Street & Congdon - 1500 E 4th St.	N40 56.088 W98 19.603
New	Eagle Scout Lake	N40 57.4115 W98 21.654

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve this bid award to Federal Signal Corporation.

Sample Motion

Move to approve the bid award with Federal Signal Corporation for the purchase of four (4) sirens and installation in the amount of \$54,476.00.



*Working Together for a
Better Tomorrow, Today*

**REQUEST FOR PROPOSAL
FOR
OUTDOOR WARNING SIRENS**

RFP DUE DATE: November 6, 2012 at 4:00 p.m.
DEPARTMENT: Emergency Management
PUBLICATION DATE: September 15, 2012
NO. POTENTIAL BIDDERS: 5

SUMMARY OF PROPOSALS RECEIVED

American Signal Corporation
Milwaukee, WI
Bid Security: North American Specialty Ins. Co.

ATI Systems
East Boston, MA
Travelers Casualty & Surety Co.

Kelly Electric
Kearney, NE
Bid Security: Travelers Casualty & Surety Co.

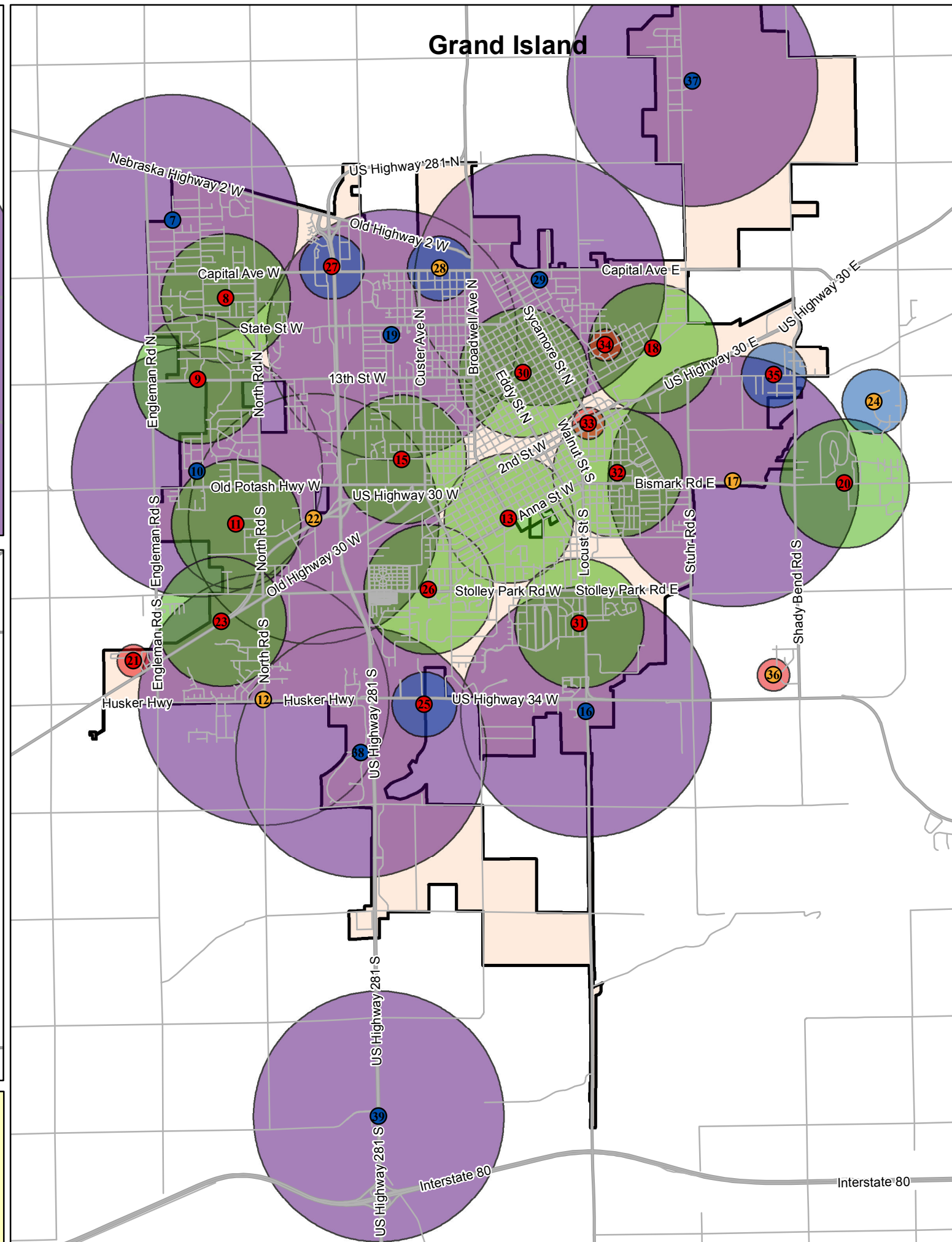
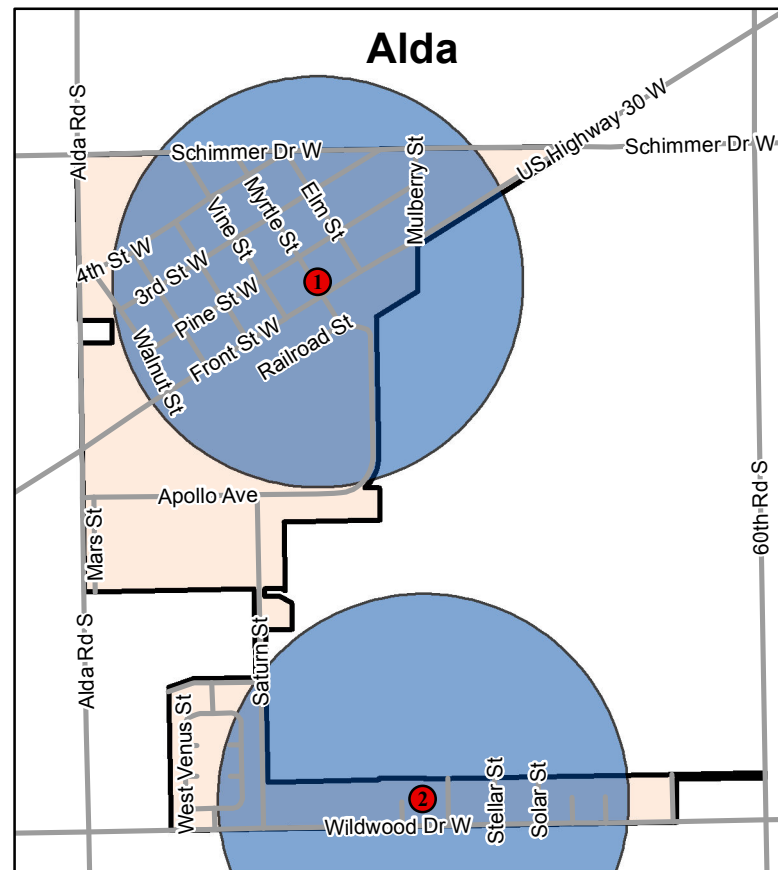
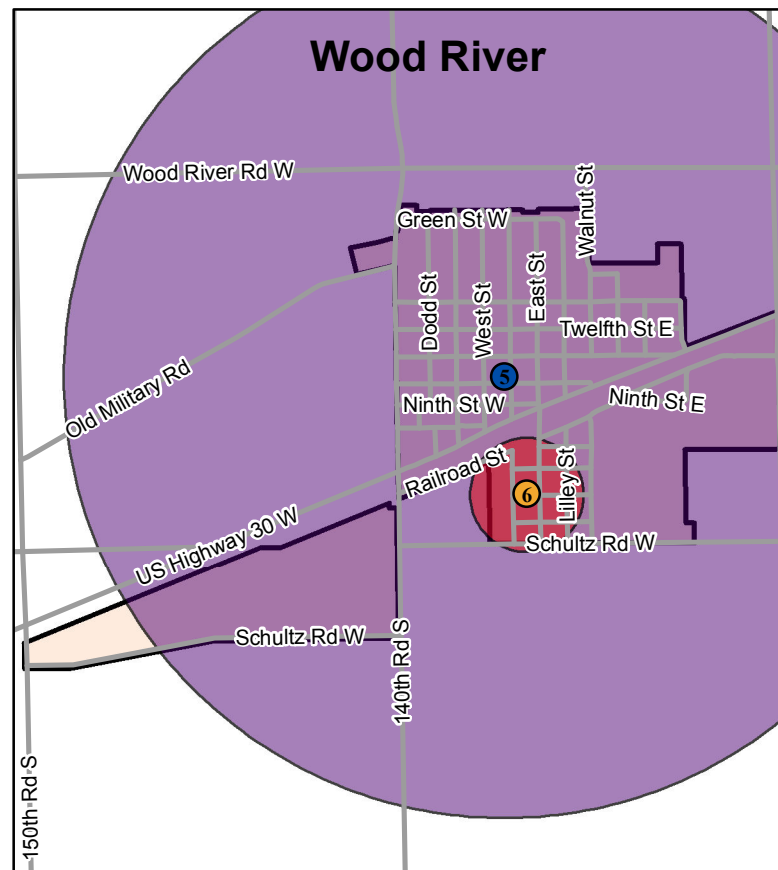
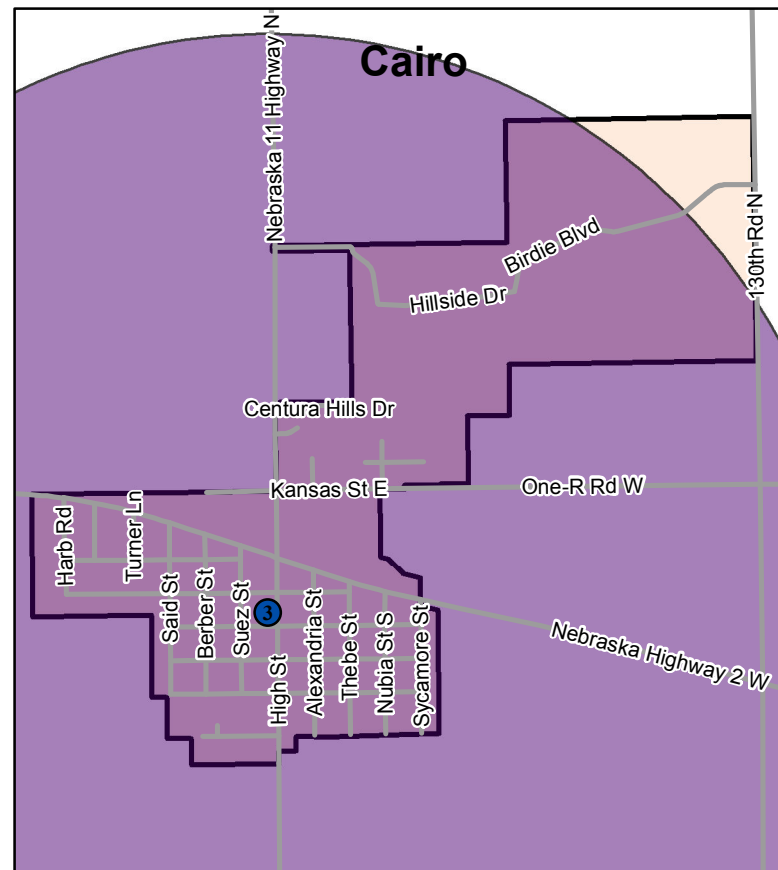
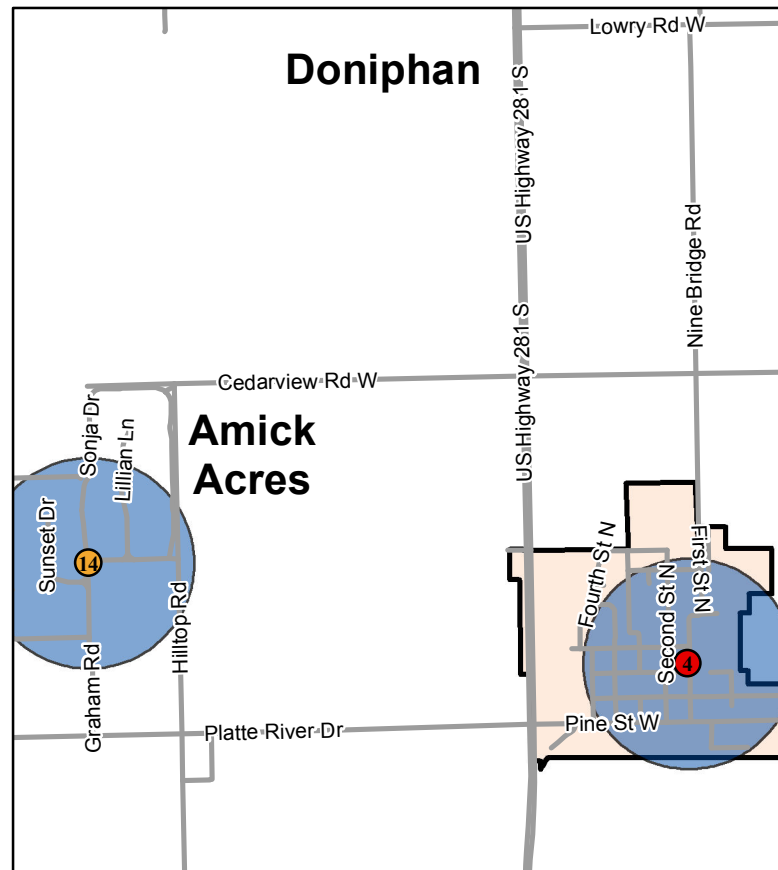
Federal Signal Corporation
University Park, IL
None

Schmader Electric Const. Co., Inc.
West Point, NE
Bid Security: United Fire & Casualty Co.

cc: Jon Rosenlund, Emg. Mgt. Director
Jaye Monter, Finance Director

Mary Lou Brown, City Administrator

P1592



Year Installed		Buffer Distance	
● 1979 - 1981	● 1981 - 1999	● 6200 Feet	● 1600 Feet
● 1999 - 2012		● 3200 Feet	● 800 Feet

Updated March 31, 2012

RESOLUTION 2012-340

WHEREAS, the City of Grand Island, Nebraska, is an eligible unit of a general local government authorized to file an application through the Federal Emergency Management Agency and Nebraska Emergency Management Agency for a Hazard Mitigation Program Grant; and

WHEREAS, the Federal Emergency Management Agency and Nebraska Emergency Management Agency are presently accepting grant applications for hazard mitigation; and

WHEREAS, a grant has been awarded to conduct an Outdoor Warning Siren Replacement and Installation Project for the City of Grand Island and other Hall County Communities; and

WHEREAS, Council previously adopted resolution 2012-98 authorizing a grant application with a grant total of \$45,000 and a 25% local match of \$15,000, (project total of \$60,000) and

WHEREAS, a recently completed bid process produced a successful bid below budget, from Federal Signal Corporation for a total of \$54,476.00, and

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that:

1. The Mayor is hereby authorized and directed to award this bid to Federal Signal Corporation on behalf of the City of Grand Island.

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Adopted by the City Council of the City of Grand Island, Nebraska, November 27, 2012.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
November 21, 2012	☐ City Attorney