



City of Grand Island

Tuesday, November 23, 2010

Council Session

Item G16

#2010-333 - Approving Bid Award for Outdoor Warning Sirens

Staff Contact: Jon Rosenlund

Council Agenda Memo

From: Jon Rosenlund, Emergency Management Director

Meeting: November 23, 2010

Subject: Hazard Mitigation Grant - Sirens

Item #'s: G-16

Presenter(s): Jon Rosenlund, Emergency Management Director

Background

Hall County-Grand Island Emergency Management operates and maintains 38 outdoor warning sirens to alert the public of dangerous weather and other hazards. The vast majority of these devices (27 remaining) 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 two sirens a year, 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 grant application by Resolution 2010-8. 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 for one siren in Capital Outlay and plans to use these funds as the 25% matching funds.

The Emergency Management Department recently completed a formal bid process for the purchase and installation of four (4) sirens. DANKO Emergency Equipment provided the lowest bid of \$48,929.12 for the purchase and installation of these sirens. The Department recommends that Council award this bid to DANKO Emergency Equipment.

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. This will allow fewer sirens serve the community and can lead to lower utility costs over the long term (see attached pdf map).

Hall County Siren Installation List (Year One)					
<u>Siren #</u>	<u>Description</u>	<u>Installed Year</u>	<u>Latitude / Longitude</u>	<u>Current 70dB Radius (ft)</u>	<u>New 70dB Radius (ft)</u>
3	Cairo, Village of - 300 South High St.- Behind Senior Citizen Center	1981	N41 00.023 W98 36.474	1600	6200
16	3436 South Locust - Across from Walmart	1981	N40 53.138 W98 20.398	1600	6200
19	1800 Block of N Hancock (Just North of Kingston & Hancock)	1981	N40 56.238 W98 22.409	3200	6200
New	US 281 & Wood River Road (I-80 Interchange/Mormon Island Campground)	N/A	TBD	N/A	6200

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 DANKO Emergency Equipment.

Sample Motion

Move to approve the bid award for outdoor warning sirens to DANKO Emergency Equipment of Snyder, Nebraska in the amount of \$48,929.12.

Purchasing Division of Legal Department
INTEROFFICE MEMORANDUM



Jason Eley, Purchasing Agent

*Working Together for a
Better Tomorrow, Today*

BID OPENING

BID OPENING DATE: November 16, 2010 at 2:00 p.m.

FOR: Outdoor Warning Sirens

DEPARTMENT: Emergency Management

ESTIMATE: \$

FUND/ACCOUNT: 25111601-85213
25111601-25104

PUBLICATION DATE: November 2, 2010

NO. POTENTIAL BIDDERS: 5

SUMMARY

Bidder:	<u>Acoustic Technology, Inc.</u> East Boston, MA	<u>Front Line Plus Fire & Rescue</u> Monticello, MN
Bid Security:	Travelers Casualty & Surety	\$4,167.50
Exceptions:	None	Noted
Bid Price:		
Sirens Only:	\$46,368.00	\$57,700.00
Installation Only:	\$14,700.00	\$23,800.00
Sirens & Install.:	\$61,068.00	\$83,350.00
Bidder:	<u>American Signal Corporation</u> Milwaukee, WI	<u>Federal Signal Corporation</u> University Park, IL
Bid Security:	North American Specialty Ins. Co.	Safeco Insurance Co.
Exceptions:	None	None
Bid Price:		
Sirens Only:	\$41,100.00	\$32,425.12
Installation Only:	\$15,980.00	No Bid
Sirens & Install.:	\$57,080.00	\$48,929.12

cc: Jon Rosenlund, Emergency Management Director
Jason Eley, Purchasing Agent

Dale Shotkoski, City Attorney
Jeff Pederson, City Administrator

P1444

RESOLUTION 2010-333

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 2010-8 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 DANKO Emergency Equipment (Snyder, NE) for a total of \$48,929.12, and

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Mayor is hereby authorized and directed to award this bid to DANKO Emergency Equipment 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 23, 2010.

Margaret Hornady, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
November 18, 2010	☐ City Attorney