



MAYOR & COUNCIL COMMUNICATION

DATE: August 18, 2015
CONSENT
ITEM #4
MOTION

AGENDA ITEM: Approve Purchase and installation of 2 new Warning Sirens

SUBMITTED BY: Greg Malmquist, Fire Chief

THROUGH: Greg Malmquist, Fire Chief

REVIEWED BY: Finance Director

SUGGESTED ORDER OF BUSINESS:

- Introduction of Item City Administrator
- Report/Presentation..... Fire Chief
- Questions from Council to Staff Mayor Facilitates
- Call for Motion Mayor & City Council
- Discussion Mayor & City Council
- Action on Motion..... Mayor Facilitates

POLICY RECCOMENDER: Fire Department

FISCAL IMPACT: The purchase and installation of two new warning sirens were budgeted for in the 2015 CIP. The amount in the budget was \$50,000. The actual quotes came in at \$46,049.

SUMMARY AND ACTION REQUESTED: Following a very lengthy and detailed siting process the fire department is seeking approval to move ahead with the purchase and installation of 2 new warning sirens. One will replace an outdated, non-compatible, undersized siren located in the Cimarron Park. The new siren will be relocated to the eastern edge of the park rather than the current location next to the park office. This move to higher ground will bring better coverage to the entire SE area of Lake Elmo. The second siren is a new installation located in the north central portion of the city near the entrance to the Tapestry neighborhood. This siren will provided much needed coverage for that area which presently has no coverage.

This project was reviewed and approved in the CIP portion of the 2015 budget.

LEGISLATIVE HISTORY: Based on the coverage of the current 6 sirens, preferred locations were identified for the additional sirens. Factors taken into account are: proximity of available power, topography (higher ground preferred), available land, impact on surrounding area, aesthetics. The process included meeting with property owners, park management and HOA representatives for their input.

BACKGROUND INFORMATION (SWOT):

Strengths	Provide additional and improved warning siren coverage to all residents of Lake Elmo.
Weaknesses	Adjustment to having siren nearby by residents nearby.
Opportunities	Move toward completion of siren coverage
Threats	Areas with no warning siren coverage. It is possible that there may be additional installation costs from the power company.

RECOMMENDATION: Based on the aforementioned, it is recommended that the budgeted new warning sirens be purchased for \$46,049 as follows:

- All required siren equipment as quoted from Federal Signal - \$27,930
- Installation costs per quote by Ready Watt Electric – Cimarron - \$8,502
- Installation costs per quote by Ready Watt Electric – Julep/Tapestry - \$7,651
- Removal of existing outdated siren in Cimarron - \$1,966
- Note: Additional costs for woodpecker protection will not be necessary

ATTACHMENTS:

- Federal Signal estimate #2915947 for siren equipment
- Ready Watt Electric estimate #15-524 for Cimarron Park warning siren install
- Ready Watt Electric estimate #15-532 for Julep Ave/Tapestry warning siren install
- Siren coverage map