

December 10, 2011

**TO :** William T. Lichter, Village Manager

**FROM :** George E. Seagraves, Fire Chief

**RE :** FULTON DTMF SIREN TELEMETRY CONTROLLER

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Currently the sirens in Lombard are activated with a simple coded radio signal. The radio frequency is the Elmhurst Public Works frequency. The current system has many deficiencies creating an unreliable activation system. The old technology is prone to false signals and down times.

Many of the area communities are switching to a new technology that removes us from the Elmhurst Public Works frequency, has a more sophisticated coding system and handshake monitoring. One of the communities that have switched is Elmhurst. Our system would have been the last one on the Elmhurst PW frequency. This frequency may be eliminated in the near future as DuPage County moves toward a trunk radio system.

A significant improvement of this system is its ability to daily test the sirens (electronics no activation) and have them growled weekly (activation at a short low level).

We will receive a fax report each Monday of the test results. If activated by us we will know if the siren activated.

DuComm has installed a Fulton Controller and no additional equipment is needed by them. We will need to install a controller at our ECC so that we can activate the sirens.

There is no cost to monitor the system the first year. After the first year there is a \$460 total annual fee.

The sirens in Villa Park that are included in our system will be upgraded at the same time. They wish to pay their share after their 2008 Fiscal Year begins. We have an intergovernmental agreement with Villa Park for the maintenance of the sirens.

## FULTON SYSTEM COSTS

Siren Number	Location	Lombard Costs	Villa Park Costs
1	Fire Station Two	\$4,150	0
2	Glenbard East HS	0	0
3	Pleasant Lane School	\$4,150	0
4	Yorktown Lift Station	\$4,150	0
5	Finley Rd Indust. Park	\$4,150	0
6	Madison School	\$4,150	0
7	Westmore School	\$4,150	0
8	NICOR Facility	\$4,150	0
9	North Ave Water Twr	\$4,150	0
10	Churchill Woods	\$4,150	0
11	Villa Park Fire Station	0	\$4,150
12	Lufkin Pool	\$2,075	\$2,075
13	Community Rec Cntr	0	\$4,150
14	Jefferson Pool	\$1,660	\$2,490
15	16 <sup>th</sup> and Meyers Road	\$4,150	0
	Controller for ECC	\$6,200	
	<b>Totals</b>	<b>\$45,235</b>	<b>\$12,865</b>

\*The Glenbard East Siren will not be updated at this time. It is to be replaced next FY and the new siren will have the Fulton System installed.

Lastly, the siren in Butterfield which is the oldest of all of the sirens is owned by the Butterfield Homeowners Association. They have been informed of this change and we have recommended that they not change at this time as we search for a better option than currently exists. Their siren will activate as it does now but not only should this siren be upgraded to the Fulton System it should be replaced.

I recommend an award to purchase from Fulton Contracting Company of Roselle, Illinois, a complete Fulton System 400 Telemetry System in an amount of \$58,100. Fulton Contracting Company is a sole vendor source for the Fulton Technologies System 4000 Telemetry controllers. A waiving of bids is required.

GES:lh

attachment