

December 10, 2011

TO : William T. Lichter, Village Manager

FROM : George E. Seagraves, Fire Chief

RE : ALERT SYSTEM PURCHASE

Please place on the Board of Trustees' Agenda for March 2, 2006 the waiver of bid and purchase of a Station Alerting System in the amount of \$35,137.17 from Mercury Systems of Lombard, Illinois. Mercury Systems is the DuComm selected vendor for the Alert System and has performed installs of all the DuComm agencies that have converted (all but three including Lombard) to the recommended system.

The system of initiating emergency alerts to Lombard is a system that was installed 25 years ago. The system is no longer supported, is antiquated and is not compliant with any recognized standards such as NFPA 1221 and NFPA 1710. DuComm recognized the various problems with station alerting and developed a new standard that would meet all standards and meet the technological needs of the departments and DuComm. Vendor selection was conducted by DuComm.

The Lombard Fire Department sought and was awarded a Federal Emergency Management Agency (FEMA) Grant for the purchase of the Alert System for both fire stations. The Grant was in the amount of \$43,100 of which Lombard was required to provide a 10% match. Part of the Grant included 10 Alert Pagers which has been purchased in the amount of \$7,216.62. The cost of the Alert System is covered by the Grant.

The new Alert System is the largest part of the upgrade of the Fire Stations' Emergency Alert System. The speaker systems in both stations are being improved with the amplifier being replaced to meet the requirements of the new alert equipment. The speaker systems are being upgraded by S.K. Electronics of West Chicago. The remaining work, which includes new receiver antennas, whole building grounding and night light systems in the bunk room that come on with the alert, is being completed by department staff.

The quotation from Mercury Systems was reviewed by DuComm and found to be appropriate for the work required and reasonable in relationship to other fire stations within the DuComm community. The technical aspects of the quote were reviewed by Firefighter/Paramedic Brian Stuart (who has extensive radio technology expertise) and John Lozar of DuComm.

The installation will be monitored by Firefighter/Paramedic Stuart, DuComm Technicians and Len Farina, Lombard's Chief Electrical Inspector. The final payment of 70% is due upon successful completion of the "DuComm Acceptance Testing Plan".

GES:lh

Attachment - Quote