

12-1

Sangamon County OEM / 911 Committee,

A Standing-Committee of the Sangamon County Board, Sangamon County, Illinois

Resolution, recognizing that the Sangamon County OEM/911 standing - committee of the Sangamon County Board agrees with the assumptions and considerations outlined below, and requests that the Sangamon County Emergency Telephone System Board conduct a study of radio communications following the project scope and goals outlined below.

Assumptions and Considerations:

1. The design and implementation of a single communications solution could save tax payers dollars.
2. During emergency operations First Responders have need to communicate with members of other agencies that are called to assist. Often these agencies do not have radios that can communicate with all agencies, usually because of different radio frequencies or different radio systems. *Interoperability* is the term used by the Federal Department of Homeland Security to describe the ability of radio communications systems, in use by different agencies, to communicate with other agencies when needed. A study is needed to address this need and provide one or more recommended solution/s.
3. Most of the Rural Fire/Rescue/EMS agencies in Sangamon County communicate in the same radio system. However, there may not be a common ground between these departments and the law enforcement agencies. A study is needed to address this interoperability need.

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Joe Aiello
Sangamon County Clerk

4. Agencies included in a study have limited financial resources for initial purchases and long term expenses.
5. Sangamon County covers a large area and the distance from Sangamon County Central Dispatch System to some of the agencies covers several miles, challenging the quality of radio transmissions in both directions. Effective communications in remote areas is essential.
6. Rural Fire/Rescue/EMS agencies have large personnel rosters and currently most departments rely on communications with their volunteer members through radios that the members have purchased themselves.
7. Police, Fire/Rescue/EMS agencies, private ambulances and hospital emergency rooms need the ability to communicate with one another during normal operations, along with large multi-agency events, when the radio traffic becomes congested. A study is needed to address this need and provide one or more recommended solution/s.
8. This project shall be coordinated with all agencies listed in the USERS Section in order to provide a solution that meets their operational needs. It is important that the project is designed with full participation of all county, rural, city and village agencies.
9. The continued use of base radios located at Rural Fire/Rescue/EMS stations needs to be considered and integrated into the system.

Scope of Project

1. A study of the existing communications system used by the agencies listed in the USERS section of this document and a written report of the condition and status of the existing system suitable for non-communications oriented upper management overview.

2. Develop a written recommendation for replacing or upgrading the existing communication's system which will provide:
 - a. A reliable system for alerting emergency services agencies and their members.
 - b. An effective interoperable radio communications system, for emergency and administrative communications for agencies under the management of Sangamon County and for all Rural Fire/Rescue/EMS Municipal and Law Enforcement agencies in Rural Sangamon County, not including the City of Springfield.
 - c. Hardware recommendations
 - d. An implementation plan
 - e. Cost projections including start-up and annual maintenance.
 - f. Recommendations of qualified hardware and installation vendors

3. The project will be completed within 120 calendar days of the award of the contract. Failure to meet any of the required criteria listed above will be considered a default of the contract which may result in forfeiture of all or part of the agreed upon contract price.

4. A 24/7 back-up dispatch center shall be considered and a recommendation proposed.

5. FCC mandates that the use of VHS-High/Wide Band is eliminated by 2013. The solution must meet FCC rules and regulations.

6. The system design shall include recommendations for UPS systems. (Uninterrupted Power Source)

7. The system design shall be open ended to allow for growth and to operate during heavy traffic during disaster events.

8. The communication's solution, provided by the successful Bidder shall include both a technical design and implementation plan and funding

recommendations and an upper management overview suitable for non-communications oriented managers.

Bidder Qualifications

1. Bidders shall submit a client list which included no less than four (4) clients for whom the Bidder shall have successfully completed communications projects of similar in size and scope of this project. List shall include contact names, address and phone numbers and a brief summary of the project.
2. The Committee would prefer that the bidder be free of a relationship with a particular hardware or software vendor to eliminate equipment, system or hardware bias.
3. The bidder shall be licensed or qualified to do business in the State of Illinois and in Sangamon County Illinois and shall meet all Sangamon County bidder and/or Vendor qualifications.


USERS

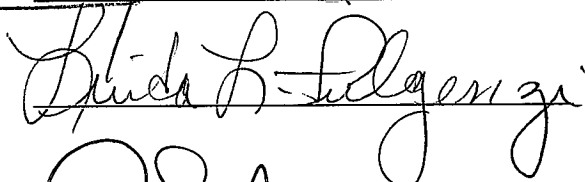
1. The City of Springfield, Illinois is not a user to be studied and is not a part of this project except as an agency with which interoperability is desired.
2. The Sangamon County Sheriff's Office is not a user to be studied and is not a part of this project except as an agency with which interoperability is desired.
3. A list of Municipal (Village) Police agencies to be included in the study may not exceed 20 agencies.
4. A list of Fire Protection Districts and Fire Departments, Rescue and EMS agencies may not exceed 25 agencies.

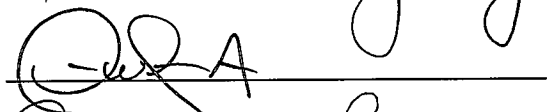
- 5. The Sangamon County Central Dispatch System (SCCDS).
- 6. The Sangamon County Office of Emergency Management.
- 7. Private ambulance companies with a current "Sangamon County Ambulance Ordinance" on file.
- 8. Various Departments under the direct management of Sangamon County government, including but not limited to the Sangamon County Public Health Department and the Sangamon County Highway Department. The cost of any portion of the study attributed to these departments will be paid for by Sangamon County.

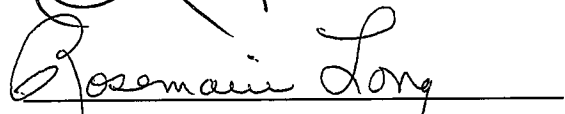
Respectfully Submitted:

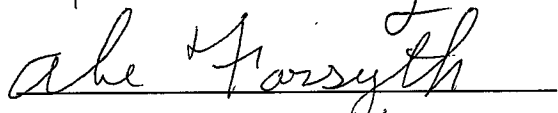
 Chairman

 Vice Chairman











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JAN 28 2009

Paul Palazzolo
SANGAMON COUNTY AUDITOR