



Regional 9-1-1 Consolidation Consortium

Agenda Items 8.22 & 8.23

Contracts for:

- **Computer Aided Dispatch (CAD)**
- **Mobile Messaging**
- **Records Management System (RMS)**
- **Jail Management System (JMS)**
- **E-Citation and E-Crash**

Lake County Financial & Administrative Committee

May 6, 2021

Lake County Strategic Plan

Strategic Initiatives

- Regional Leadership - **Advancing Regional 9-1-1 Consolidation**
 - Lake County, in **partnership** with the Lake County Emergency Telephone System Board (ETSB), will continue to **advance efforts toward the regional consolidation** of Emergency Telephone System Boards (ETSB) and Public Safety Answering Points (PSAP)
 - This will result in a **reduction of call transfers and service delays, while providing the same or better service more efficiently**

Goals and Strategies

- Goal 1: **Provide Public Safety** and Advance an Integrated, Data-Driven Justice System
 - Strategy 2: Regularly evaluate and **implement enhanced technologies to provide effective service, transparency, data sharing and integration** throughout the justice system.
 - Action A: **Advance and support regional 9-1-1 consolidation. Evaluate and pursue both physical and virtual consolidation with partners.**
 - Action C: Support the **selection and replacement of public safety technology**

Consortium Partners

2018 Inter-Governmental Agreement



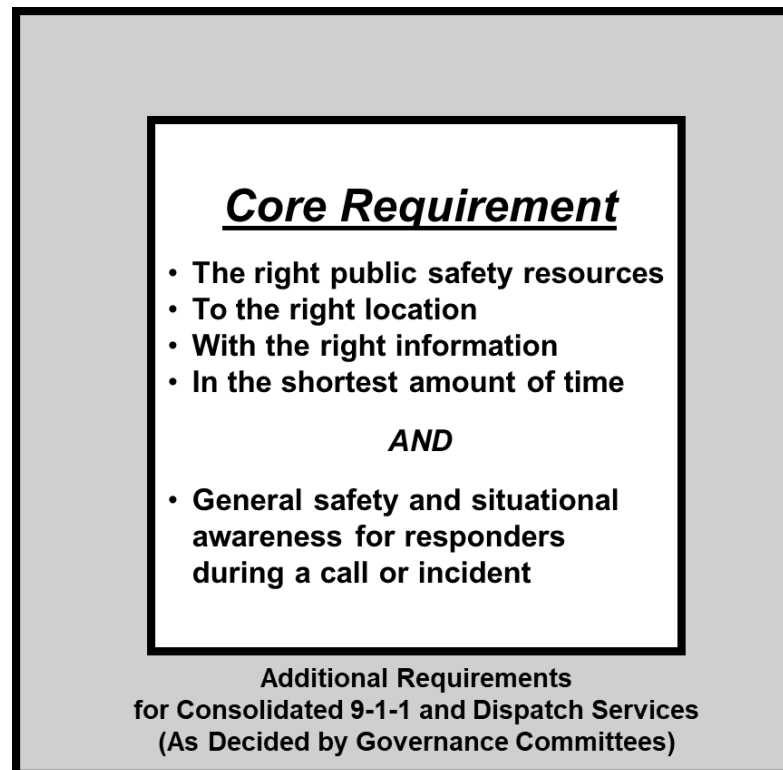
Regional 911 Consolidation Public Safety Entities (PSE)
1. Barrington, Village of
2. CenCom
3. Countryside Fire Fire Protection District
4. Fox Lake, Village of (PD / FoxComm 911 Center)
5. Grayslake Fire Protection Dist
6. Greater Round Lake Fire Protection District
7. Gurnee, Village of
8. Lake County
9. Lake County ETSB
10. Lake County Sheriff's Office
11. Libertyville, Village of
12. Lincolnshire, Village of
13. Mundelein, Village of
14. North Chicago, City of
15. Northeast Lake County Consolidated JETSB (Gurnee ETSB / Zion ETSB)
16. Round Lake, Village of
17. Round Lake Beach, Village of
18. Vernon Hills , Village of
19. VHL Joint ETSB (Vernon Hills, Libertyville)
20. Wauconda Fire Protection District
21. Waukegan, City of

Consolidation Planning Project

Purpose



Build an implementation plan to consolidate regional 9-1-1 services in order to provide the highest quality 9-1-1 service and lasting value for the residents of participating communities



Concept of Operations

Three Tiers

Three-tiered concept of operations to improve 9-1-1 and emergency dispatch service and provide lasting value

Increased Efficiency & Effectiveness

3. Full (Physical) PSAP Consolidation

Decrease total number of PSAPs. Single entity or agency formed through an IGA between members that operate one (or more) physical PSAP(s)

Could be more than one consolidated entity or agency

2. Virtual PSAP Consolidation

Independent, geographically separated PSAPs who operate as a single entity through shared technology, policies, and procedures formalized in an IGA between PSAPs

1. Standardized PSAP Technology

Independent, geographically separated PSAPs agree to operate some or all of the same 9-1-1 and emergency dispatch systems / technology

Parallel Pathway: Standard, shared, integrated RMS and JMS

Individual partners decide if and when they participate in planning or execution for each tier

Current Situation

Independent, geographically separated PSAPs
(8 primary, 1 secondary)

Assessment Criteria

(9-1-1 and Emergency Dispatch)

- How does each tier improve service?
 - Improve getting the right public safety resources, to the right place, with the right information, in the shortest amount of time
 - Decrease call transfers
- How does each tier decrease technology costs?
- How does each tier decrease facilities costs?
- How does each tier decrease personnel / staffing costs?
- What does each tier do to the competitive environment?

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Implementing
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Approved
Plan

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Consortium

Standard Technology Procurement



- Expanded mission to include coordinating the procurement of a shared, scalable, integrated, enterprise family of public safety systems
 - Computer aided dispatch (CAD)
 - Mobile messaging
 - Records management systems (RMS)
 - Law enforcement
 - Fire / emergency medical services
 - Jail management system (JMS)

Consortium

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Contracts

General



- Consortium committed to the process - Lake County the administrative agent
- April 2020, issued a Request for Proposal (RFP) to contract for a scalable, shared, integrated, enterprise family of systems
- RFP extended to 47 vendors - proposals received from nine vendors (June 2020)
- In accordance with evaluation criteria, Consortium's selection team determined that the proposal submitted by Tyler Technologies, Public Safety Division, Troy, Michigan is the most qualified and favorable proposal for the 9-1-1 Consortium
- Resolutions authorizing two contracts with Tyler Technologies, Public Safety Division, Troy Michigan for licensing, software and implementation services for the replacement of CAD, Mobile, RMS, JMS, E-Citation, and E-Crash software
- CAD & Mobile Messaging contract approved by Lake County ETSB on April 30

Contract (LC ETSB) – Item 8.22

CAD & Mobile



- Lake County ETSB is the Consortium's executive agent for this scalable, shared, integrated, enterprise CAD and Mobile Messaging software
- Joint resolution authorizing a contract with Tyler Technologies, Public Safety Division, Troy Michigan, in the amount of \$1,355,568 for the replacement of the Lake County Emergency Telephone Service Board (ETSB) CAD and Mobile Messaging software
- Includes software, professional services, implementation services, and training
- Software maintenance and third-party hardware, software, and services are estimated in the annual amount of \$181,681 for years two through five with an annual increase not to exceed three percent and not to exceed four percent for years six through 10
- Separate contract for hardware will be funded and awarded by the ETSB

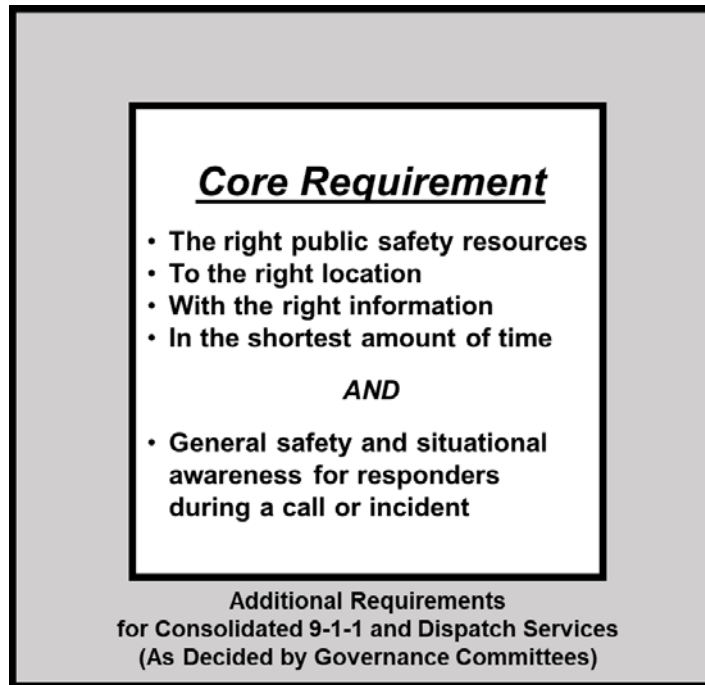
Contract (Sheriff's Office) - Item 8.23

RMS, JMS, E-Citation, E-Crash



- Lake County Sheriff's Office is the Consortium's executive agent for this scalable, shared, integrated, enterprise RMS, JMS, E-Citation, and E-Crash software
- Joint resolution authorizing a contract with Tyler Technologies, Public Safety Division, Troy, Michigan, in the amount of \$2,831,209 for the replacement of the Lake County Sheriff's Office RMS, JMS, E-Citation, and E-Crash software
- Includes the software, professional services, implementation services, and training
- Software maintenance and third-party hardware, software and services are estimated in the annual amount of \$426,336 for years two through five with an annual increase not to exceed three percent and not to exceed four percent for years six through 10
- Funds allocated in FY2020 budget (carried over to FY2021)

Operational Improvements



- Opportunity to reduce the number of 9-1-1 call transfers
- Improved information sharing and coordination
- Lower long-term costs – personnel, maintenance
- Improved business continuity and disaster recovery
- CAD, RMS, JMS, E-Citation and E-Crash will all flow together, reducing the requirement for double or triple data entry
- With a planned connection to the new Integrated Court Management System (ICMS), files can be electronically transferred to Branch Courts and Circuit Clerk's Office
- Less paper - information shared electronically, no need to print

Dedicated Partners

- All 21 original partners have remained in the Consortium (Original IGA - 2018)
- Additional resolutions authorizing support at the Tier 3 (full consolidation)
 - Village of Libertyville
 - Wauconda Fire Protection District
- New resolutions continuing participation to secure pricing for Public Safety Software
 - City of Waukegan
 - Village of Gurnee
 - Village of Vernon Hills
 - Vernon Hills and Libertyville Joint ETSB
 - Village of Mundelein (for board approval the week of May 10)
 - Northeast Lake County Joint ETSB (for board approval the week of May 10)



Thank You

Are There Any Questions?