



# Lake County Illinois

## Legislation Details (With Text)

**File #:** 14-0660      **Version:** 1      **Name:** Countywide Radio Communications System  
**Type:** resolution      **Status:** Passed  
**File created:** 6/18/2014      **In control:** Law & Judicial Committee  
**On agenda:**      **Final action:** 8/12/2014  
**Title:** Joint resolution authorizing a contract with Motorola Solutions of Schaumburg, Illinois, to provide a Countywide Radio Communications System in the amount of \$9,906,054 with an additional \$646,863 of owner controlled contingency.

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:**

Date	Ver.	Action By	Action	Result
8/12/2014	1	Lake County Board	adopted	Pass
7/8/2014	1	Lake County Board	postponed	Pass
6/25/2014	1	Financial & Administrative Committee	recommended for adoption to the regular agenda	Pass
6/24/2014	1	Law & Judicial Committee	approved and referred on to the Financial and Administrative Committee	Pass

Joint resolution authorizing a contract with Motorola Solutions of Schaumburg, Illinois, to provide a Countywide Radio Communications System in the amount of \$9,906,054 with an additional \$646,863 of owner controlled contingency.

- The County's current radio system was designed in 1998 and the County's current EDACS radio system will be end of life in December 2017.
- In the 2012 Lake County Board Strategic Plan there is a goal to constantly evaluate and implement enhanced technology with an action to continue working collaboratively with the public safety partnership to address interoperability; and thus, a Request for Proposal (RFP), was written for a standards based P-25 Interoperable Radio System.
- In May of 2013, Lake County contracted with RCC Consultants to assist with the development of a RFP, evaluation and contract negotiation.
- The RFP was sent to 71 vendors and proposals were received from four non-local vendors; no local vendors provide this service.
- First an Ad-Hoc Committee from the Interoperable Communications Council of Lake County (ICCLC) with the assistance of the Radio Division and RCC provided a technical review and recommendation.
- Once the technical review was complete, an interdepartmental team comprised of representatives from the County Administrator's Office, Finance, Purchasing, Sheriff's Office, Radio Division and RCC conducted a thorough review of the financial aspects of each proposal.
- Based on the criteria set forth in the RFP for a Countywide Radio Communications System, Motorola Solutions is the most qualified and most favorable for Lake County.
- Motorola Solutions proposed leased radio system that is an 11 site, TDMA, P25 STARCOM21 system, with 10 channels, 1% Grade of Service, DAQ of 3.4, and 95% County-Wide 12 dB coverage with 16dB in designated areas.

- The contract authorizes a fifteen-year lease agreement with an initial cost of \$9,906,054 to purchase and install infrastructure for an 11 site radio system, a microwave system, four shelters, 9 position console and NICE recorders, 9 in-building bi-directional amp systems, and programming and installation of 938 subscriber radios.
- Beginning in 2016, additional operating funds of \$320,000 will need to be added to the budget for the monthly usage fees and other operating expenses.
- An additional \$646,863 of funding is being recommended for an owner controlled contingency.

**WHEREAS**, in accordance with Section 5-102 of the Lake County Purchasing Ordinance, proposals were called for by publication for Countywide Radio Communication System; and

**WHEREAS**, subsequent to said publication, a Request for Proposal (RFP) was extended to 71 vendors; and

**WHEREAS**, sealed proposals were received from 4 vendors and opened in the Central Permit Facility, Libertyville, Illinois, on October 10, 2013, at 2:00 p.m.; and

**WHEREAS**, the intent of the RFP was to enter into a contract with the successful proposer to assume complete responsibility for engineering, furnishing, licensing, installing, optimizing, testing, and warranting the 800 MHz (700 MHz capable) County Radio Communications System; and

**WHEREAS**, an Ad-Hoc Committee from the Interoperable Communications Council of Lake County (ICCLC) with the assistance of the Radio Division and RCC first provided a technical review and recommendation; and

**WHEREAS**, Once the technical review was complete, an interdepartmental team comprised of representatives from the County Administrator's Office, Finance, Purchasing, Sheriff's Office, Radio Division and RCC conducted a thorough review of the financial aspects of each proposal; and

**WHEREAS**, based on the criteria set forth in the RFP for a Countywide Radio Communications System, Motorola Solutions is the most qualified and most favorable for Lake County; and

**WHEREAS**, Motorola Solutions proposed leased radio system that is a 11 site, TDMA, P25 STARCOM21 system, with 10 channels, 1% Grade of Service, DAQ of 3.4, and 95% County-Wide 12 dB coverage with 16dB in designated areas; and

**WHEREAS**, this purchase supports the 2012 Lake County Strategic plan goal to further interoperability for public safety.

**NOW, THEREFORE, BE IT RESOLVED**, by this County Board of Lake County, Illinois, that the Purchasing Agent is authorized to enter into a contract with Motorola Solutions of Schaumburg, Illinois to provide a Countywide Radio Communications System in the amount of \$9,906,054. Funding in the amount of \$5,000,000 was approved in the FY14 budget in account #101-1103402-84020-000-000-000000. The remaining funds will be transferred from the Downtown Campus Fund 101-1103355-82010-000-000-000000.

**DATED** at Waukegan, Lake County, Illinois, on July 8, 2014.