



## Staff Report

**TO:** City Council  
**FROM:** Kari Mendoza, Administrative Services Director  
**DATE:** May 7, 2024  
**SUBJECT:** Authorize Radio Purchase for Non-Safety Personnel – Capital Improvement Project AD24-01

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**Description** Complete the radio transition from Eastern Riverside Interoperability Communications Authority (ERICA).

### **Background and Analysis:**

On October 4, 2022, City Council directed public safety staff to coordinate with the Riverside County Sheriff's Department and begin the migration to the Riverside County Sheriff's Department Public Safety Enterprise Communications (PSEC) system and authorized the purchase of new radio equipment for public safety. Since that date all five ERICA public safety agencies have been migrating to PSEC, with the latest migration occurring in February 2024.

Staff has been exploring options for our local government departments including public works, transportation, grounds maintenance, building and safety and code enforcement.

The following quotes were obtained for PSEC compatible radio equipment:

Rivcomm Inc.	\$228,437
Airwave – Kenwood Radios	\$281,951
Cazcomm – Kenwood Radios	\$353,139
Motorola – APX N50 Radios	\$704,419

The above radio options will operate on the PSEC network for a monthly fee of \$127.00 per month, per radio. The annual cost to operate the 130 radios needed for our local government departments will be approximately \$167,627. The Rivcomm quote does not include installation, antennas or chargers.

Staff also researched alternative solutions to joining the PSEC system. Those options would include the purchase of our own radio system. Purchasing our own standalone

radio system would not allow for easy interoperability with our own Police Department on a routine basis or the county agencies in the event of a natural disaster.

Airwave – Various 800 Options Ranging	\$112,193 - \$217,888
Cazcomm – UHF System	\$151,512
Golden West Communications – UHF System	\$172,783

The above radio options would all require recurring site rental agreements, tower leasing space and telephone line costs in the amount of approximately \$25,000 per year. These solutions offer comparable geographic radio coverage when compared to our current system. PSEC offers regional coverage throughout the entire Riverside County region. This would allow our buses to communicate when outside of City limits. Another challenge to a stand-alone system would be obtaining our own frequencies due to our geographic location.

**Fiscal Impact:**

The cost of the PSEC compatible radios was presented in the Capital Improvement Project amendment as project AD24-01 this evening.

Staff estimates the cost to prepare this report at \$540.

**Recommended Action:**

Authorize staff to purchase 130 radios from Airwave in an amount not to exceed \$295,000.

**Attachments:**

- A. Rivcomm Quotes
- B. Cazcomm Quotes
- C. Motorola Quote
- D. Golden West Communications Quote
- E. Airwave Quotes