



**MEETING OF JUNE 6, 2023**

**TO:** Mayor Jordan and City Council  
**THRU:** Mike Reynolds, Police Chief  
**FROM:** Kathleen Stocker, Dispatch Manager  
**DATE:**  
**SUBJECT:** Purchase radio equipment for Local Government radio replacement

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**RECOMMENDATION:**

Staff recommends approval of a resolution and request to waive competitive bidding to authorize the purchase of radio equipment from Motorola Solutions Inc. in the amount of \$419,383.29 and approve a budget adjustment.

**BACKGROUND:**

The City of Fayetteville joined the Arkansas Wireless Information Network (AWIN) in 2010 as part of the Citywide radio system project. In 2019, AWIN upgraded their system to the Association of Public Safety Communications Officials-International (APCO) P25 Phase 2 standard. This standard enables responders to achieve efficient and effective use of communications equipment. One of the improvements made was updating equipment to allow for more efficient use of the spectrum by using time-division multiple access technology (TDMA). This provides additional capacity to the system by allowing two conversations at a time on the same channel. The City of Fayetteville local government subscriber radios use frequency-division multiple access technology (FDMA). This technology supports only a single conversation and user at a time. It is important for system capacity to take advantage of this newer technology.

**DISCUSSION:**

We currently have radios on our system that are 19 years old. We have 76 radios that were purchased between 2004 and 2011 that belong to various city users. We have 523 radios on our system that will be twelve years old this year. This purchase is for local government radio replacement, and the majority of the local government users (Airport, Transportation, Water and Sewer, Recycling, etc.) have radios that are no longer supported by Motorola for service. The radios use twice the capacity of a newer radio and cannot be upgraded due to the age and model of the radio. These radios are used not only for day-to-day operations in the city departments and divisions, but they are also critical during disasters and large events.

**BUDGET/STAFF IMPACT:**

Approval of a budget adjustment in the amount of \$419,383.29 from use of fund balance will allow for the purchase of these radios for local government users. These radios have a five-year warranty. Ordinance 4300 is on file to waive competitive bidding for the purchase of specialized radio equipment from Motorola Incorporated. Motorola is giving us better than state contract pricing for this purchase. This pricing is only good through July 31, 2023. No staffing impact for this item.

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**ATTACHMENTS:** 2023-753 SRF Citywide Radio Replacement, 2023-753 BA Citywide Radio Replacement, 2023-753 Radio Spreadsheet, 2023-753 Motorola Quote