



MEETING OF SEPTEMBER 5, 2023

TO: Mayor Jordan and City Council
THRU:
FROM: Mike Reynolds, Police Chief
DATE:
SUBJECT: **Approval of a resolution to authorize purchase of a DC (Direct Current) Revert System for the Fayetteville Simulcast sites from Motorola Solutions**

RECOMMENDATION:

Staff recommends approval of a resolution to purchase a Direct Current (DC) Revert System and decommission the Uninterrupted Power Supply (UPS) equipment for the three Fayetteville radio tower sites (Mt. Sequoyah, Fulbright and Dinsmore) from Motorola Solutions using the NASPO Value Point Contract number 00318 in the amount of \$108,915.00 plus tax.

BACKGROUND:

The Uninterrupted Power Supply equipment located at the three tower site locations was purchased in 2010 as part of the Citywide Radio System project. This equipment is no longer supported by the vendor and parts and battery replacement for this equipment has become a challenge.

DISCUSSION:

The Direct Current (DC) Revert System is part of the critical infrastructure needed at the tower site locations. The DC Revert System consists of an electrical apparatus that differs from traditional auxiliary or emergency power systems. It provides instantaneous, or near-instantaneous protection from a loss of primary power, whereas traditional methods incur a delay before the backup power is transferred over and subsequently supplied to the attached equipment. For instance, this system allows our radio equipment to run without interruption when there is a power outage. The system will carry the power load until the generator starts working. It is important to prevent these interruptions, which could cause considerable downtime for public safety radio users.

BUDGET/STAFF IMPACT:

Capital Improvement funds have been budgeted for this purchase and this is a scheduled replacement.

ATTACHMENTS: CivicClerk Packet 2023.1010, RES - AUTHORIZE PURCHASE OF DC REVERT SYSTEM