



Baldwin County Board of Commissioners

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Type of Action: Agenda Item – Vote Required

Agenda Item: Motorola Contract Approval
Baldwin County P25 System Enhancement & Radio Upgrades

Background: In 2011, Baldwin County purchased a Motorola P25 Communication System and Radios. The useful life of the radios is estimated to be 10 years. The radios will continue to be used as long as parts are available but will no longer be able to be used after that. This was anticipated when developing the projects for the 2023 SPLOST and the upgrade project was included. As one of the top priorities for this 2023 SPLOST, County Management along with our Sheriff, Fire Chief, E911 Director, and EMA Director met with Motorola representatives and technicians to develop a proposal for the system and radio upgrades which are much needed at this time.

Proposal Summary:

Dynamic Dual Mode (TDMA & FDMA) System Enhancement:

- This will expand the number of channels available to the county which would allow us to add other counties, agencies in the future

Enhanced Data and FLEXAPI for CAD mapping:

- Will allow for GPS tracking of all radios

Avtec EX Scout Radio Consoles

- Replaces consoles and server that are 10+ years old
- Allows the county to setup the current consoles at a 2nd location for emergency backup

Portable radios

- Law Enforcement – (88) APX N70 Model 4.5
- EMA – (5) APX NEXT All-Band Radios Model 4.5
- Fire – (80) APX 6000XE BN Model 1.5

Mobile Radios

- Law Enforcement – (45) APX45500 Enhanced for vehicles
- Fire – (40) APX 4500 Enhanced

Control Station Radios

- Base Station – (3) APX 4500
- 911 Center – (3) APX 6500 Enhanced

Flash upgrades to existing radios

- Will allow current radios to be used on the system while they still work

In-person training for FLEX CAD and VESTA 911 Call Handling

Motorola has offered Baldwin County 3-year financing at 0% interest if a contract is signed by June 30, 2023. Payments will be 1 years in arrears and begin on July 31, 2024 in the amount of \$1,139,374 each year for 3 years.

(This is a savings of \$350,000 - \$460,000 from other financing offers at 4.63% interest)

Staff Recommendation:

Approve the proposed contract and 3-year financing agreement

Suggested Motion:

Approve the contract with Motorola and financing agreement and authorize the Chair to sign the documents