

TO: Mayor Craft & Members of the City Council, Administrator Steve Griffin

FROM: Ed J. Delmore, Chief of Police

DATE: July 28, 2016

SUBJECT: Upgrade to Police Department Radio System

RECOMMENDATION: Award Purchase to Motorola Solutions

BACKGROUND: See Attached

PREVIOUS COUNCIL ACTION: None

BUDGET IMPLICATION: Three annual equal payments. 2016 - \$204,154.00, 2017 - \$204,154.00,
2017 - \$204,154.00

RELATED ISSUES: None

DEPARTMENT: Police

STAFF CONTACT: Chief Ed J. Delmore



To: Finance Committee
Through: Steve Griffin, City Administrator
From: Cindy King, Director of Finance and Administration
Subject: Police Motorola Radio request
Date: July 15, 2016

Motorola is on Alabama state contract for radios, so the City would be able to use Motorola for the radio upgrades requested. The Police radios are not currently compatible with the Baldwin EMA radio system. Currently the Fire Department has 50 dual band TDMA radios acquired before 2012. The City bought in 2012 thirty smaller 700 MHz portable hand held dual-band radios and one Motobridge Gateway that are used by the Executive and Command Staff for Emergency Operations, Recreation & Cultural Affairs and Public Works Department.

The Police Department has requested for several years the TDMA radio system to be compatible with the City but the cost has been prohibitive. With the Motorola financing offer, the City would be able to distribute the proposed \$612,461 cost over a two year period ending September 2018.

Please let me know if any additional information is needed. Thank you.

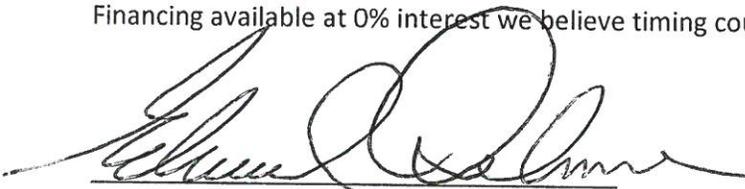
Our current communications system has several deficiencies. This is due to our use of older technology and the growth of our area over the years. The overall goal of this project is to correct those deficiencies and establish a communications system for both current and future needs. Listed below are some of our major issues that this project will address.

- Inadequate Reception and Transmission Quality for our police officers which is a huge safety issue not only for them but also for our citizens and visitors
- Little to no operational capability in the High School, Jail, Police Department and other Municipal Buildings
- Lack of capability for special events and natural disasters (Limited Interoperability)
- Improve our disruption to other agencies in the county which has become a safety issue (we are the only department in the county that operates on this old technology)

As you can see our issues with our current Frequency Division Multiple Access (FDMA) radio system is not a wish list it is without question a safety need for all. Our Fire Department, Recreation & Cultural Affair Department and City EMA operate on the current TDMA technology.

Also, it is our understanding that the FCC wants to eventually mandate everyone go to Time Division Multiple Access (TDMA). What we don't know is when that will happen.

We have had this upgrade in the Ten Year Capital Budget ever since 2013. So with the Motorola Financing available at 0% interest we believe timing could not be better.



Chief Edward Delmore

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