



Legislation Text

File #: ID 2021-259, **Version:** 1

TO: Mayor and City Commission

FROM: Cale Curtis, City Manager

DATE: June 16, 2021

A RESOLUTION OF THE CITY OF MARGATE, FLORIDA, APPROVING WAIVING OF BIDDING FOR PURCHASE AND INSTALL OF AN 800MHZ REPEATER AND ANTENNA SYSTEM FROM SIGNAL COMMUNICATIONS, L.L.C. FOR THE CITY OF MARGATE AT 5400 NW 15TH STREET, MARGATE, FL; PROVIDING FOR PURCHASE OF EQUIPMENT, SERVICES AND MOTOROLA PARTS NOT TO EXCEED \$125,000.

BACKGROUND: Prior to 2013, the City of Margate maintained an 800MHZ repeater and antenna system at the tower shelter located at 5400 NW 15 Street. Local government for day-to-day operations utilized the tower for portable radio usage. These departments included Public Works, Parks & Recreation and Police Department. Margate PD Communications monitored the transmissions for emergency occurrences. After 2013, Communications services was transferred to BSO and the use of local government radios ended. Local government had to switch to a cell phone PTT (push to talk) group talking system as an alternative to the portable radios.

Requesting waiving of bidding due to the highly customized system design and engineering requirements of this project, along with highly unusual third-party coordination requirements between multiple entities, those being:

- City of Margate PD and FD
- City of Margate and Building Department
- City of Coral Springs Communications
- Crown Castle Tower Management
- Motorola Solutions, Inc.
- Motorola Solutions Authorized Installation Contractor
- Licensed Electrical Contractor
- Tower Installation Contractor
- R56 Audit Contractor
- And other third parties

This install of equipment (repeater and antenna system) will allow local government to use the portable radio system and eliminate the PTTs. With PD Communications operating 24/7, the ability to monitor emergency incidents can be facilitated. In addition, the new antenna system will provide radio channels to be used for special events and PD operations that are not currently accessible. The police and fire department purchased new portable radios that were required for P25 radio updates. The previously used portable radios can be moved for local government use, which will eliminate the cost for new radios. The City retained the FCC radio licenses allowing this project to reside on an 800MHZ tower site. Additional accessories will need to be purchased, such as batteries, chargers and antennas. Each department using the local government radios will save on their cell phone bills yearly. This project brings back a City of Margate

Radio System to non-emergency personnel that can be relied upon during day-to-day operations, as well as emergency events. This system will give access to any user the ability to contact the Police Department Telecommunications Staff 24/7.

RECOMMENDATION: Approval to install an 800MHZ repeater and antenna system at the tower and shelter located at 5400 NW 15 Street.

FISCAL IMPACT: Non-Departmental Communication Networking -001-0710-519.63-65 not to exceed \$125,000. In addition, there is a potential cost savings of approximately \$15,000 a year due to eliminating the PTTs.

CONTACT PERSON: Public Safety Communications Manager Gia Shaw, 954-935-5427