



## Legislation Text

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**File #:** 17-0180, **Version:** 1

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MOTION TO APPROVE A CHANGE ORDER TO THE PURCHASE ORDER WITH MOTOROLA SOLUTIONS, TO PROVIDE AND INSTALL A WIRING CONDUIT THAT WAS NOT PART OF THE ORIGINAL SCOPE OF WORK, FOR THE PURCHASE AND INSTALLATION OF AN IN-BUILDING PUBLIC SAFETY RADIO SIGNAL AMPLIFICATION SYSTEM AT A COST OF \$7,202.

### **SUMMARY EXPLANATION AND BACKGROUND:**

1. On June 30, 2015, the Authority Having Jurisdiction (AHJ), in Broward County, for the Two-Way Radio Communications, requires that all new and existing structures must meet minimum public safety signal levels inside structures.
2. As per Section 118.1.3 of the Broward County Board of Rules and Appeals, the AHJ shall determine if a new building or existing building shall require that a two-way radio communication enhanced public safety signal booster system be installed.
3. In May 2016, the Police Department requested Motorola Solutions to prepare a scope of work for the design of an in-building public safety radio signal application system, by performing engineering services tests.
4. Signal level tests were performed using a portable Anritsu MS2721A spectrum analyzer. The site survey revealed that signal levels on all floors were below the acceptable level for public safety radio communications per Section 118 of the Broward County Board of Rules and Appeals.
5. On September 12, 2013, the Broward County Sheriff's Office awarded a contract with Motorola Solutions for Equipment and Installation.
6. As per Section 35.18(5) of the City's Procurement Procedures states; "Utilization of other governmental agencies' contracts. Commodities or services that are the subject of contracts with the state its political subdivisions or other governmental entities including the United States government."
7. On August 17, 2016, City Commission approved the purchase and installation of an in-building public safety radio signal amplification system for the police department utilizing Broward County Sheriff's agreement from Motorola solutions, contract #12-29077/JHJ, for a total amount of \$79,596.
8. When the project was originally quoted, the wiring conduit was specifically excluded as some AHJ's, specifically the City, were not requiring it in some instances. However, since then the Broward County Rule and Appeals committee had a follow up meeting and clarified their position on "cable survivability," necessitating the addition of a wiring conduit to be installed.
9. Motorola has provided a change order in the amount of \$7,202 to provide and install the required wiring conduit, which is approximately a 9% increase to the original scope of work.

10. Section 35.28(B) of the City's Procurement Code requires Commission approval when the sum of all change orders exceed 5% of the original contract amount or \$25,000.

11. Request City Commission to approve a change order to the purchase order with Motorola Solutions, to provide and install a wiring conduit that was not part of the original scope of work, for the purchase and installation of an in-building public safety radio signal amplification system at a cost of \$7,202.

**FINANCIAL IMPACT DETAIL:**

- a) Initial Cost:** \$7,202.
- b) Amount budgeted for this item in Account No:** There is \$7,202 available in account # 1-521-3001-64400 (Operating Equipment).
- c) Source of funding for difference, if not fully budgeted:** Not Applicable.
- d) 5 year projection of the operational cost of the project** Not Applicable.
- e) Detail of additional staff requirements:** Not Applicable.