



# City of Pembroke Pines, FL

## Agenda Request Form

10100 Pines Blvd.  
Pembroke Pines, Florida  
33026  
www.ppines.com

**Agenda Number: 10.**

**File Number:** 16-0318

**File Type:** Purchase

**Status:** Passed

**Version:** 0

**Reference:**

**Controlling Body:** City Commission

**Requester:**

**Initial Cost:** \$ 79,596.00

**Introduced:** 08/10/2016

**File Name:** Purchase/ installation of an In-Building Public Safety  
Radio Signal Amplification System

**Final Action:** 08/17/2016

**Title:** MOTION TO APPROVE 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.

**Notes:**

**Attachments:** 1) Public Safety Radio Signal In-Building  
Amplification System Study and Motorola Quote  
2) BSO Master Purchase Agreement With Motorola  
3) Broward County FL Building Code 118

**Agenda Date:** 08/17/2016

**Agenda Number:** 10.

**Enactment Date:**

**Enactment Number:**

### History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
0	City Commission	08/17/2016	approve				Pass
			Aye: 4	Mayor Ortis, Commissioner Castillo, Commissioner Schwartz and Commissioner Siple			
			Nay: 0				
			Absent: 1	Vice Mayor Shechter			

**SUMMARY EXPLANATION AND BACKGROUND:**

1. The Police Department requests approval to purchase and install an In-Building Public Safety Radio Signal Amplification System utilizing the Broward County Sheriff's Agreement with Motorola Solutions for a total amount of \$79,596.
2. 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.
3. 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.
4. 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.
5. 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.
6. On September 12, 2013, the Broward County Sheriff's Office awarded a contract with Motorola Solutions for Equipment and Installation.
7. 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."
8. Request Commission approve the purchase and installation of an in-building public safety radio signal in-building 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.

**Item has been reviewed by the Commission Auditor and approved for the Agenda.**

**FINANCIAL IMPACT DETAIL:**

- a) **Initial Cost:** \$79,596.
- b) **Amount budgeted for this item in Account No:** There is \$40,000.00, budgeted in account # 1-521-3001-64400 (Other Equipment)
- c) **Source of funding for difference, if not fully budgeted:** Upon Commission approval, a budget adjustment will be made to move \$39,596 from account # 1-521-3001-62017 (Building Improvements) to account # 1-521-3001-64400 (Other Equipment).
- d) **5 year projection of the operational cost of the project:** Not Applicable.
- e) **Detail of additional staff requirements:** Not Applicable.