



City of Hallandale Beach City Commission Agenda Cover Memo

Hallandale Beach
PROGRESS. INNOVATION. OPPORTUNITY.

Meeting Date:	June 6, 2018		Item Type: <i>(Enter X in box)</i>	Resolution X	Ordinance	Other	
Fiscal Impact: <i>(Enter X in box)</i>	Yes	No	Ordinance Reading: <i>(Enter X in box)</i>	1st Reading		2nd Reading	
	X			Public Hearing: <i>(Enter X in box)</i>	Yes	No	Yes
Funding Source:	001 General Fund		Advertising Requirement: <i>(Enter X in box)</i>		Yes		No
Account Balance:	\$0			Quasi-Judicial: <i>(Enter X in box)</i>	Yes		No
Project Number :	N/A		RFP/RFQ/Bid Number:		N/A		
Contract/P.O. Required: <i>(Enter X in box)</i>	Yes	No		Strategic Plan Priority Area: <i>(Enter X in box)</i>			
	X		Safety <input checked="" type="checkbox"/>				
			Quality <input checked="" type="checkbox"/>				
			Vibrant Appeal <input type="checkbox"/>				
Sponsor Name:	Greg Chavarria		Department:	City Manager's Office			

Short Title:

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA, AUTHORIZING A SOLE SOURCE PURCHASE OF P25 PORTABLE RADIO HARDWARE FROM MOTOROLA IN AN AMOUNT NOT TO EXCEED ONE MILLION FOUR HUNDRED THIRTY THREE THOUSAND EIGHT HUNDRED AND FIFTY EIGHT DOLLARS (\$1,433,858) INCLUDING A SEVENTY-FIVE THOUSAND DOLLAR (\$75,000) CONTINGENCY TO BE PAID COMMENCING IN FISCAL YEAR 2018-19 IN A MULTI-YEAR LEASE FINANCING AGREEMENT; AUTHORIZING THE CITY MANAGER TO EXECUTE ALL RELATED DOCUMENTS TO EFFECTUATE THE PURCHASE; AND PROVIDING AN EFFECTIVE DATE.

Staff Summary:

Background:

The Fire Rescue and Police Departments utilize Broward County regional dispatch service for intake of service calls and dispatch of calls to emergency responders. Collectively this represents approximately 54,534 calls per year. When constituents call the 911 service, the call is routed to the Broward County's Public Safety Answering Point (PSAP) system. From the PSAP, Broward County dispatchers utilize radio and computer aided dispatch systems to communicate with first responders and broadcast essential call information.

Broward County has advised agencies that utilize the regional dispatch service, that the existing radio system will be upgraded by the December 31, 2019 (Exhibit A). This will require all agencies that utilize Broward County's dispatch service to upgrade current systems to maintain communications. The City of Hallandale Beach cost to meet this request is \$1,358,858. Due to the variability in the technology and first time implementation of this type of system, there may be unforeseen costs that may incur during implementation. Staff recommends to include a contingency funding of \$75,000 for implementation of this project for an amount not to exceed \$1,433,858.

Current Situation:

Broward County advised all agencies that are part of the regional dispatch system, that an upgrade to the radio system will be performed in the next months, so we are able to meet Broward County's requested timeline to be operationally ready by the 4th quarter of calendar year 2019 (see Exhibit A). The new radio system will operate on a new 700MHz spectrum that is solely dedicated to Public Safety, and follows the guidelines of the Association of Public Safety Communication Association (APCO) Project 25 Phase II system. The new radio system is expected to improve reception, reduce dead spots and provide greater capacity communications for heavily used areas. The upgrade effort requires the City of Hallandale Beach to replace Fire Rescue and Police radio system hardware such as base stations, repeaters, mobile radios and all associated hardware (batteries, lapels, clips, mounting hardware).

Another challenge that currently exists is that the City does not have a backup radio system and solely relies on Broward County operations for radio communications. Staff recommends including, as part of the upgrade, additional radio equipment and repeaters that will provide radios for the Department of Public Works (DPW). The additional purchase would provide an enhanced communication platform for field DPW employees to communicate with office staff and include resilient repeaters that could serve as backup repeaters for the City Police and Fire Rescue Departments personnel if necessary. If the county radio system is not available, City of Hallandale Beach Police and Fire Rescue personnel would be able to switch to the backup frequency integrated with Public Works and utilize the secondary local frequency, as a communications platform. This could be essential during a post storm event or other

emergency, where Broward County radio systems may be impacted from physical damage or high demand.

Fiscal Impact:

The estimated cost to upgrade the City's existing system is \$1,358,858 as detailed below: New proposed equipment provides an estimated life of 10-15 years. Detailed quotes are available in Exhibit B.

Department	Estimated Costs
Fire	469,762
DPW	93,364
Emergency Management	64,017
PD	731,715
Project Contingency	75,000
Project Cost	1,358,858
Total Project Funding	\$1,433,858

Motorola has been selected by Broward County, as the sole source for purchasing equipment for the necessary upgrade (Exhibit C). Motorola offers lease financing solutions that allow municipalities to finance the project for up to seven years. Staff recommends this option as it allows the City to attain the needed equipment without using reserves. The City will lease needed equipment with a down payment of 10%, one year after receipt of equipment and an annual lease payment of \$202,761 for seven years at a lease rate of 3.87% (Exhibit D). The City of Hallandale Beach expects to receive equipment by August 1, 2018.

Estimated annual payment costs are:

Year	Payment	Payment Due
1	\$135,885	8/1/19
2	\$202,761	8/1/20
3	\$202,761	8/1/21
4	\$202,761	8/1/22
5	\$202,761	8/1/23
6	\$202,761	8/1/24
7	\$202,761	8/1/25
8	\$202,761	8/1/26
TOTAL	\$ 1,555,214	

Existing radio equipment will be evaluated and appraised to determine best surplus value after the new equipment is installed. Potential earnings from the surplus sale of existing radio equipment will help offset costs associated with the new radio purchase. City staff will also

research continuously for grant funding opportunities that may assist in funding the equipment described herein.

Why Action is Necessary:

Pursuant to Chapter 23, Section 23-8 Exception to Bid Requirements, (3) *Noncompetitive supplies*. Noncompetitive supplies, available only from one source, such as unique, patented or franchised supplies, are exempt. The City Manager is authorized to purchase and contract for noncompetitive supplies in excess of \$50,000, subject to the requirement that any purchase in excess of \$50,000 requires City Commission approval.

Proposed Action:

City staff recommends to enter into a multi-year lease with Motorola, the sole source provider for Broward County's radio system, and appropriate funding that will finance the upgrade project over 8 years, starting with FY 18/19. The necessary funds will be included in the FY 18/19 budget. Due to the variability in the technology and first time implementation of this type of system, there may be unforeseen costs that may incur during implementation. Staff recommends to include a contingency funding of \$75,000 for implementation of this project.

Attachment(s):

- Exhibit 1: Resolution - Sole Source Motorola Radio Equipment
- Exhibit A: Letter from Broward County advising of Project Status
- Exhibit B: Detailed quotes for Fire, Police and Department of Public Works
- Exhibit C: Sole Source Designation by Broward County
- Exhibit D: Motorola Lease Financing

Prepared by:

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Reviewed by:

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