



**CITY OF FORT LAUDERDALE  
City Commission Agenda Memo  
REGULAR MEETING**

**#15-0906**

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**TO:** Honorable Mayor & Members of the  
Fort Lauderdale City Commission

**FROM:** Lee R. Feldman, ICMA-CM, City Manager

**DATE:** September 1, 2015

**TITLE:** Motion to Approve Neutral-Host Distributed Antenna System - Miller  
Electric Company and MPBX, LLC – \$92,479.32

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**Recommendation**

It is recommended that the City Commission approve a three-year contract for the purchase of a neutral-host distributed antenna system (DAS) and associated professional services with Miller Electric Company and MPBX, LLC., in substantially the form attached, at a cost of \$92,479.32; and authorize the City Manager to approve additional one-year renewal options, contingent upon appropriation of funds.

**Background**

The Greg Brewton Sustainable Development Center is a category five building constructed of concrete walls, metal decking roof and impact resistant windows. As this structure can withstand major hurricanes, it can also prevent the propagation of cell phone signals. Currently, cell phone connectivity is limited to very weak signals in areas near windows.

In 2008, Sprint installed a bidirectional antenna system (BDA) to provide in-building wireless connectivity (for Sprint customers only). The current system is outdated and needs to be replaced with an updated design that supports all major cell phone carriers and new technologies.

The background for the solicitation process included the following:

- December 2014 – Request for Proposal (RFP) 855-11520 was issued for neutral-host distributed antenna system and professional services.
- February 2015 – The RFP closed with a total of five firms submitting proposals including:

Bluestream Professional Services

McNeal Professional Services  
 Miller Electric Company (in partnership with MPBX, LLC)  
 Proximity Wireless.  
 Zinwave

- March 2015 – The evaluation committee consisting of Gary Gray, Assistant Telecommunications Manager; Alex Hernandez, Assistant Building Official; Fernando Ayrosa, Sr. Technology Strategist; and Nelson Martinez, Sr. Technology Strategist met with Barry Sageman, Procurement Specialist I, to evaluate the proposals and rank the firms according to the evaluation criteria. The evaluation committee shortlisted the three top ranked firms for oral presentations. The shortlisted firms were:

Bluestream Professional Services.  
 McNeal Professional Services  
 Miller Electric Company (in partnership with MPBX, LLC)

- May 2015 – After oral presentations, the evaluation committee then rescored the proposals and ranked the firms. Including all evaluation criteria, the final tabulation ranked Miller Electric Company (in partnership with MPBX, LLC) number one as shown in the table below.

		Miller	BlueStream	McNeal
Evaluation Criteria	Weight	Rank	Rank	Rank
Ability to meet project schedule	10%	1	3	2
Project team experience	15%	1	3	2
Technical requirements	30%	1	2	3
Service and support requirements	15%	1	2	3
Total cost to the City	30%	1	2	3
<b>OVERALL RANKING</b>		<b>1</b>	<b>2</b>	<b>3</b>

Cost breakdown is as follows:

Equipment/Hardware/Software	\$28,342.32
Professional Services (Survey, Engineering, Design, Deployment and Testing)	\$25,137.00
Support and Maintenance (initial 3-yr term)	\$39,000.00
<b>Total initial 3-yr term cost</b>	<b>\$92,479.32</b>
Support and Maintenance (after 3-yr term)	\$14,000.00
Total 4-yr project cost	\$106,479.32

Copies of proposals are available upon request in Procurement Services.

### **Resource Impact**

There will be a fiscal impact to the City in the amount of \$92,479.32. Future expenditures are contingent upon approval and appropriation of the annual budget.

Funds available as of July 20, 2015					
ACCOUNT NUMBER	INDEX NAME (Program)	OBJECT CODE/ SUB- OBJECT NAME	AMENDED BUDGET (Object Code)	AVAILABLE BALANCE (Object Code)	PURCHASE AMOUNT
142-DSD034204-3199	Building Technology	Services & Materials/ Professional Services	\$856,084	\$659,545	\$25,137.00
142-DSD034204-3401	Building Technology	Services & Materials/ Computer Maintenance	\$856,084	\$659,545	\$39,000.00
142-DSD034204-3925	Building Technology	Services & Materials / Office Equipment < \$5,000	\$856,084	\$659,545	\$28,342.32
PURCHASE TOTAL ►					\$92,479.32

### **Strategic Connections**

This item is a *Press Play Fort Lauderdale Strategic Plan 2018* initiative, included within the Internal Support Cylinder of Excellence, specifically advancing:

- Goal 11: Be a well-trained, innovative, and neighbor-centric workforce that builds community.
- Objective 4: Provide a reliable and progressive technology infrastructure.

This item advances the *Fast Forward Fort Lauderdale Vision Plan 2035: We are United*.

### **Attachments**

Exhibit 1 - Bid Tabulation

Exhibit 2 - Final Ranking

Exhibit 3 - Agreement

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