



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

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

**DATE:** May 20, 2014

**TITLE:** Motion to award a proprietary purchase of noise monitoring terminals -  
\$115,716

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**Recommendation**

It is recommended that the City Commission award the proprietary purchase from Bruel & Kjaer EMS Inc. for the purchase of Noise Monitoring Terminals (NMTs) in the amount of \$115,716.

**Background**

The Fort Lauderdale Executive Airport currently operates and maintains seven NMTs that are located in the surrounding neighborhoods that measure and record aircraft noise levels. Bruel & Kjaer EMS Inc. owns the software application, Airport Noise & Operations Monitoring System, known as ANOMS™. The Executive Airport was the original test site for the first fully integrated ANOMS™ in 1989. Two permanent NMTs were installed by 1991, four were installed in 1999, and the newest NMT was installed in 2012.

The NMT locations, that were selected to be replaced, are located in alignment with the ends of the runways. This is to ensure that that the noise monitoring system is complete around the Fort Lauderdale Executive Airport by having all the ends of the runway equipped with a noise monitor.

The following are the selected NMTs and their locations:

- NMT #1 – 5900 NE 9<sup>th</sup> Avenue (Broward County Water Tower fenced compound area)
- NMT #2 – 6050 NE 21<sup>st</sup> Lane (near NE 61<sup>st</sup> Court, swale)
- NMT #5 – 2716 NW 68<sup>th</sup> Street (near NW 27<sup>th</sup> Avenue, City Lift Station fenced area)
- NMT #6 – 5500 North State Road 7 (near W. Prospect Road, City Water Well Field fenced area)

The four existing NMTs will have their structures reused, i.e. concrete footers, masts, telephone and electrical wires, and connections. The components that will be replaced will be the microphones, analyzers, and dial-up modems.

The noise data that is captured from each NMT is downloaded nightly and integrated into ANOMS™. The NMT downloading process is limited and sometimes hindered from the use of antiquated equipment and modems. Therefore, this purchase of new equipment to replace the aging components of four NMT units is requested.

The Procurement Division released a Notice of Intent to award a proprietary purchase 542-11391, and no other vendors responded that they could provide a similar or equal product.

**Resource Impact**

There will be a fiscal impact to the City in the amount of \$115,716.

Funds available as of April 14, 2014					
ACCOUNT NUMBER	INDEX NAME (PROGRAM)	OBJECT CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Object Code)	AVAILABLE BALANCE (Object Code)	PURCHASE AMOUNT
468-TAM070101-6499	EXECUTIVE AIRPORT	CAPITAL OUTLAY/ EQUIPMENT PURCHASE	\$433,315	\$317,599	\$115,716
				<b>PURCHASE TOTAL ►</b>	<b>\$ 115,716</b>

**Strategic Connections:**

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

- Goal 5: Be a community of strong, beautiful, and healthy neighborhoods.
- Objective 1: Increase neighbor engagement and improve communication networks within and among neighborhoods.

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We Are Community*

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