



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

#17-1009

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

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

DATE: September 6, 2017

TITLE: Motion to Approve Purchase of Equipment and Installation Services for
Emergency Operations Data Center - \$329,830

Recommendation

It is recommended that the City Commission approve the purchase of equipment and installation services to complete the implementation of the Emergency Operations Center's (EOC) computer data center from Hewlett Packard Enterprise via the State of Florida Participating Addendum No. 43211500-WSCA-15-ACS based on National Association of State Procurement Officials' (NASPO) ValuePoint contract No. MNWNC-115 administered by State of Minnesota for an estimated total not to exceed \$329,830.

Background

The City's four computer data centers host mission critical and public safety computer communications and application systems such as payroll, financial accounting management information system, police and fire public safety applications, citywide email, telephone, call center, database and data storage systems and computer communications to all City locations and access to the police criminal justice information system.

To support these systems, each data center requires a reliable commercial grade air conditioning system, a high voltage electrical system with adequate capacity and resiliency, an uninterruptible power supply and battery backup system to protect against short term power outages and electrical fluctuations, a generator to provide power during long term power outages, a fire suppression system, a water detection system, security access control and redundant data communications lines.

All four of the City's computer data centers are not adequately provisioned with the infrastructure described above. Each one consists of aging and/or inadequate functioning infrastructure that presents a large risk of service outages and permanent data loss that can severely impact the daily operations of the City's departments including Police and Fire-Rescue. It is essential to provide a secure and reliable data center infrastructure to minimize any chance of disruption or total outage to the City's operations, applications and communications services and to create an effective

disaster recovery platform to protect the computer data center assets and keep them operating during disasters such as a hurricane.

Aligning with the City's initiative to become a resilient and safe community, the Information Technology Services Department will be consolidating four data centers into two data centers. The Department has begun implementing a disaster recovery data center at the EOC to provide direct access by emergency staff to critical computer, communications and applications services during an emergency.

The successful execution of this project will create the City's only category 5 data center facility. Furthermore, the consolidation of other data centers will also achieve the following: a reduction of floor space use by the data centers, a reduction in maintenance and operational costs, implementation of an efficient (green) cooling and electrical system, implementation of a more robust disaster recovery and business continuity platform for the City's computer applications and communications systems.

Pursuant to Section 2-181(7) and (8) Code of Ordinances of the City of Fort Lauderdale, Florida, this purchase will be made in accordance with State of Florida Participating Addendum No. 43211500-WSCA-15-ACS based on National Association of State Procurement Officials' (NASPO) ValuePoint Contract No. MNWNC-115 administered by State of Minnesota from Hewlett Packard Enterprise in the amount of \$329,830, whereby such contract or formal bid followed formal bid procedures of sealed written bids, public opening, and legal advertising.

Resource Impact

There is a current fiscal year impact in the amount of \$329,830.

<i>Funds available as of July 31, 2017</i>					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	PURCHASE AMOUNT
581-P12207.581-6599	City Hall Data Center A/C & Fire Suppression	Capital Outlay/ Construction	\$137,520	\$55,103	\$55,103
581-P12123.581-6564	EOC Data Room at Fires Station 53	Capital Outlay/ Equipment Purchase	\$180,000	\$174,902	\$174,902
581-ITS110101-3401	Unified Communications Services	Services & Materials/ Computer Maintenance	\$1,922,530	\$826,236	\$99,825
TOTAL AMOUNT ►					\$329,830

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
- Initiative 1: Implement the Information Technology Strategic Plan for improved operational efficiencies and increased employee productivity.

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

Attachments

Exhibit 1 – State of Florida Participating Addendum

Exhibit 2 – NASPO Master Agreement

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