CITY OF FORT LAUDERDALE
City Commission Agenda Memo   **#14-0839**
REGULAR MEETING

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

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

DATE: September 3, 2014

TITLE: Motion to approve a proprietary purchase for software and services for the
              IBM Partnership to Develop a City Resource Optimization Solution
              (CROS) - $1,533,000

Recommendation

It is recommended that the City Commission approve the proprietary purchase of software and services to expand the IBM First of a Kind (FOAK) CROS in the amount of $1,533,000, in substantially the forms attached and authorize execution of said agreements on behalf of the City.

Background

On January 23, 2013, the Fort Lauderdale Police Department (FLPD) officially kicked off a FOAK partnership with IBM to begin the development of a CROS program with regard to predictive policing. FLPD is one of only two police agencies nationwide being tapped by IBM for inclusion in this project (the other being Minneapolis, Minnesota). Through this collaboration, IBM and the City planned to develop an innovative software system designed to improve efficiency by leveraging the vast amounts of data available within the City.

Like most cities and police departments throughout the country, the municipality is very good at gathering and storing all types of information. The information comes from a multitude of sources and is entered into a host of repositories, including but not limited to: Records Management System, Computer Aided Dispatch, Parking Enforcement, Code Enforcement, the Automated Vehicle Locator System, Fire Rescue and Building Services. Information processing falls short when the agencies fail to merge that data into a single resource that can be easily mined and used to the services' collective advantage.

IBM offered to assist the City in evaluating the various methods by which the agency collects and catalogues information, with an eye toward having all the varied sources of data communicate with one another. The belief is that by getting all the information into one place - it can be quickly and properly analyzed to identify crime trends as they

develop in a real-time atmosphere. In turn, this will allow the FLPD to maintain improved situational awareness and will assist as special events occur and are planned.

Limited live use of the program began in October, 2013. During the trial, select users (approximately 45) tested the product and provided feedback to IBM. User input focused on ease of operation, but those same users will also be providing recommendations for changes or improvements to the product. Those ideas, when feasible, will be incorporated into the program by IBM.

As of December 31, 2013, the pilot project ended, and we have moved into the actual implementation phase of the product that was created as a result of this FOAK project. The Police Department is now using the product to help address crime issues and trends, and IBM continues to provide support for the product in its current configuration. Any future changes to the product will only be completed by IBM after the City has purchased licenses. IBM continues to assist the City as we begin bringing additional users on-board.

The City and IBM have worked together to determine the costs associated with the purchase of licenses for use of the enhanced version of the IBM product. The enhanced version would allow the City to link additional databases that may be identified in the future for the product, and it will allow for the use of additional features not currently available to the City (IBM Smart Cities Product). Those additional features include the ability to monitor items such as infrastructure, special events and live video feeds.

At this time, the Police Department is requesting twenty (20) concurrent user licenses and one (1) administrator license for a total cost of $31,065. There may be additional licenses requested by other departments within the City, but that is yet to be decided. The annual cost for FY 2015 will be $372,720.

IBM and the City have negotiated a payment structure which allows the City to pay for both the services and software over a thirty-six month period, without interest. Therefore, there are separate agreements for the software and the required services.

Approval of the agreements is contingent upon the inclusion of Florida's Scrutinized Companies statutory language, Florida Statute 287.135, as found in the City's standard contract documents being added to the IBM International Passport Advantage Agreement Special Terms Addendum (Exhibit 1).

Resource Impact

There will be a fiscal impact to the City for Fiscal Year 2014 in the amount of $31,065. Future expenditures are contingent upon approval of the annual budget for subsequent Fiscal Years (2015 through 2017).

Funds available as of August 13, 2014					
ACCOUNT NUMBER	**INDEX NAME (PROGRAM)**	**OBJECT CODE/ SUB-OBJECT NAME**	**AMENDED BUDGET (Object Code)**	**AVAILABLE BALANCE (Object Code)**	**PURCHASE AMOUNT**
581-ITS070101-3199	POLICE ITS	SERVICES & MATERIALS/ OTHER PROFESSIONAL SERVICES	$1,137,369	$236,490	$31,065
				PURCHASE TOTAL ▶	$31,065

Strategic Connections:

This item is a *Press Play Fort Lauderdale Strategic Plan 2018* initiative, included within the Public Safety Cylinders of Excellence, specifically advancing:

- Goal 9: Be the safest urban coastal City in South Florida through preventative and responsive police and fire protection.
- Objective 2: Continue to enhance daily crime meetings through Intelligence-Led Policing (ILP).
- Objective 8: Implement the IBM First of a Kind "FOAK" project.

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

Attachments:

Exhibit 1 - IBM International Passport Advantage Agreement Special Terms Addendum
Exhibit 2 - IBM Customer Agreement for Services
Exhibit 3 - Statement of Work (SOW)
Exhibit 4 - IBM_Ft Lauderdale Acknowledgement of Commencement
Exhibit 5 – Lease/Purchase Supplement
Exhibit 6 – Lease/Purchase Master Agreement

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