

City Council Regular Meeting

I.4

Meeting Date: 08/19/2019
Recommended by: Aaron Card, Information Technology Manager
Prepared by: Aaron Card, Information Technology Manager
Finance Director Review: Celina Morris
City Attorney Review: Brett Wallace
Approved by: Larry Rains **Date Submitted:** 07/29/2019
Type of Action Requested: Ordinance

SUBJECT:

Request to utilize a CDW-G state and local government contract vehicle to purchase replacement computer hardware and original equipment manufacturer software.

RECOMMENDATION:

Staff recommends that the City Council approve the use of a CDW-G contract vehicle to purchase replacement computer hardware and original equipment manufacturer software in an amount not to exceed \$126,000.

DISCUSSION:

The City of Casa Grande relies extensively on Information Technology (IT) to meet its operational expectations. A key component of this effort is maintaining computer hardware in a sustainable, fiscally responsible manner while accounting for broader changes in the technology industry.

This project is expected to meet three main goals over its proposed 3-year timeframe:

- Meet the anticipated End of Extended Support for Microsoft Windows 7 in 2020.
- Implement a sustainable, standardized 5-year computer replacement program for all City of Casa Grande Departments.
- Accurately capture the primary and secondary costs associated with the deployment of computer hardware in the City of Casa Grande.

Computer hardware replaced under this program is expected to utilize Microsoft Windows 10 and be capable of running contemporary software packages.

Hardware purchased under this program will be subject to an equitable deployment schedule between all City of Casa Grande Departments. Preference will be given to computer hardware that is under consistent use and/or public-facing.

Older hardware under this program will be assessed case-by-case to determine if it should be retired from service or serve as a temporary replacement elsewhere while the multi-year program is underway.

The remaining number of desktops, laptops, two-in-ones, and tablets as of the fiscal year 2020:

- Desktops: 89
- Laptops: 19
- Two-in-Ones: 1
- Tablets: 3

FISCAL IMPACT:

This Capital Improvement Project (CIP) is now in year three. Staff anticipate a need for \$126,000 this fiscal year. Each replacement will include a 5-year warranty if available. In effect that will then set its replacement cycle and make the budget process more predictable for the 562 replacement-eligible desktops, laptops, two-in-ones and tablets that fall under this program to date.

ALTERNATIVES:

No more security patches will be released by Microsoft for Microsoft Windows 7 once it reaches End of Extended Support. This will have a severe impact on network security and data integrity. Additionally, opting not to upgrade to Microsoft Windows 10 will impact the long-term use of many on-premise and cloud software applications including those written by Tyler Technologies, Harris, Active, ADP and more.

Research conducted by staff in search of a sensible route forward over the duration of this program exposed a considerable amount of computer hardware used by multiple Departments that could not support an upgrade to Microsoft Windows 10 due to age.

In the case of the Police Department, this had even larger ramifications. Staff fully expect the Department of Public Safety (DPS) to eventually treat Microsoft Windows 7 as a security risk. That would jeopardize continued Arizona Criminal Justice Information System (ACJIS) access.

Dealing with this matter over the course of a 3-year Capital Improvement Project (CIP) was an attempt by Casa Grande Information Technology (IT) to spread out the associated costs over a longer, more affordable timeframe and introduce hardware standardization to streamline ongoing maintenance operations.
