


COUNCIL COMMUNICATION

	Number:	19-472	Meeting:	November 4, 2019
	Agenda Item:	46G	Roll Call:	19-1749
	Submitted by:	Anna W. Whipple, CIO, Information Technology Director		

AGENDA HEADING:

Recommend approval of OneNeck IT Solutions (Terry Swanson, President and CEO) for purchase of replacement Hewlett Packard mass storage array and backup storage expansion, per NASPO VP-HPE MNNVP-134, State of Iowa Master Agreement 005 16054C, for the City's current and future storage performance and capacity needs.

SYNOPSIS:

Recommend approval of purchase of Hewlett Packard Enterprise (HPE) Nimble HF 40 mass storage array and HPE StoreOnce backup storage expansion per State of Iowa Contract 16091D, which is competitively bid. This purchase replaces outdated mass storage that is no longer able to adequately meet the City's storage needs. It also upgrades secondary mass storage and equipment for backup storage growth.

FISCAL IMPACT:

Amount: \$416,067.91

Funding Source: Capital Improvements Program (CIP) 2019-20/2024-25, Miscellaneous Improvements – page 7, Information Technology, Equipment - New, MS001, C051IT99

ADDITIONAL INFORMATION:

- Currently the City has one (1) mass storage array located at the Armory data center. This unit is nearing its end of support and no longer meets the City's storage performance and capacity needs. This storage unit has been expanded to its maximum storage capacity and is not able to provide the data transfer performance required for newer network and server hardware. This action replaces the primary mass storage and upgrades the secondary mass storage to ensure that both the primary and secondary sites have adequate capacity.
- The HPE Nimble mass storage array will provide high availability and resiliency with automated disaster recovery (DR) configuration. The new storage array will also provide more than two (2) times the storage capacity. The HPE Nimble would be used to provide day-to-day operations and would replicate data off-site to an alternate City location for business continuity in case of the loss of the City's current data center. Additionally, the replacement of the older storage unit would result in less power consumption and lower annual maintenance costs.

- The HPE StoreOnce storage expansion will double the existing storage capacity of the City's backup appliances. The HPE StoreOnce appliances would be used to provide day-to-day backup operations and would replicate data between sites for business continuity in case of the loss of the City's current data center.

PREVIOUS COUNCIL ACTION(S):

Date: March 11, 2019

Roll Call Number: [19-0382](#)

Action: Purchases from the following:

- (E) [OneNeck](#) IT Solutions (Terry Swanson, President and CEO) for replacement Hewlett Packard mass storage array that will support the current and future storage performance and capacity needs per State of Iowa Contract for use by the IT Department, \$333,391.28. [\(Council Communication No. 19-095\)](#) Moved by Gatto to adopt. Motion Carried 6-1.
Absent: Coleman.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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