



STAFF REPORT
3/27/2024

TO: Honorable Mayor and City Council Members
FROM: Jason Stevens, IT Manager
SUBJECT: Network Server Upgrade Procurement

STAFF RECOMMENDATION:

Staff recommends that the City Council authorize the purchase of three new host servers through Computer Consultants estimate number 6962 PO number 16991 for the amount of \$32,458.61.

BACKGROUND:

The City of Coachella employs numerous physical on-premise hosting servers to host multiple virtual machine servers that are used to provide IT applications and resources for the staff to provide city services. It is important to have the proper capacity, performance and redundancy of the underlying hosting servers in order to adequately provide reliable and efficient IT resources. The IT department budgets for annual review, replacement and upgrade of our critical IT infrastructure. The cities hosting infrastructure consists of primary host servers, replication host servers and backup host servers both onsite and offsite.

Currently, the cities replication servers are about 8 years old and oversubscribed. If there was a need to perform a failover of one or more virtual servers while the process would work there would be a significant performance impact to city operations. The phased migration process is when new servers are introduced those new servers are deployed as primary host servers. Then the previous or current host servers are transitioned to be replication servers. The older replication servers are then retired and recycled accordingly. IT cannot currently guarantee in the event of a failover incident that city operations would not be impacted in terms of performance and availability.

DISCUSSION/ANALYSIS:

Upon review, monitoring and inspection the city is currently in need of three additional servers in order to provide the capacity and performance needed for full redundancy of Hyper-V replication and hosting services. The City of Coachella utilizes our contracted managed IT solution provider Computer Consultants for procurement of the cities hosting servers for about 18 years now. Typically, the process is that new servers are added to the server pool as the live primary hosts, and then those older hosts are transitioned into replication or backup servers.

ALTERNATIVES:

1. Not authorize this system at this time

FISCAL IMPACT:

Should the City Council approve the staff recommended upgrade the funds would be allocated from the General Fund Unreserved fund balance totaling \$32,458.61 to increase the budget of account 101-11-161-90-741-000.