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To: Mayor and City Council Members
Steve Parker, City Manager

From: Shane McDaniel, Director of IT

Subject: Resolution authorizing the FY19-20 technology capital project purchase in support of the city's systems infrastructure year one upgrade

Date: March 4, 2020

Staff is requesting action on the current fiscal year budget item to upgrade the city's virtual systems infrastructure to a Scale Computing hyperconverged platform. Approval of the proposal will allow for the IT Department to begin the systems architecture transition to migrate off the existing systems platform dating back to 2011. This will be year one of a two-year effort to upgrade the three data centers in the city.

Year one of the systems infrastructure upgrade will be \$163,913.08, consisting of two physical nodes, the software and five years of support that will be integrated into the city's technical enterprise allowing for initial virtual server migration and transitioned data to replicate across the new hyperconverged platform. The first two nodes will be integrated into geographically separated data centers to allow for data transfer, retention, backups and disaster recovery on the new platform. Year two of the project will be requested to add a third node in the remaining data center for full replication and data processing across the entirety of the enterprise network.

Staff recommends approval and is available to answer any questions at your convenience.