



Department Source: Information Technology

To: City Council

From: City Manager & Staff

Council Meeting Date: September 8, 2020

Re: Setting a Public Hearing for the Proposed Construction of the Installation of the American Power Corporation cooling equipment for the IT Data Center.

## Executive Summary

Setting a public hearing for September 21, 2020 for the proposed construction of the installation of the American Power Corporation (APC) cooling equipment for the City IT data center. An interested parties meeting was not conducted since the construction will take place on City owned property: Daniel Boone Building west side roof.

## Discussion

The IT department with Public Works oversight is asking for a public hearing to be set. The request is for the Daniel Boone Data Center backup cooling project. The project is intended to provide backup cooling capabilities in the event the primary system goes down. This potential disaster scenario is our number one threat to our data integrity and providing uninterrupted reliable services to our internal customers and external citizens. Funds for the project have already been appropriated through the budget process. The APC equipment was purchased via a recognized coop contract in FY 2020. IT hired Malicoat-Winslow Engineers P.C. (mechanical engineer) utilizing the city's pre-qualified consultant's list. The services entailed preparing plans and specifications for HVAC work in the data center, designing installation of new InRow air cooled cooling units and providing plans and specifications for all electrical and mechanical installation of the project to the City. The plans are attached for your review.

## Fiscal Impact

Short-Term Impact: The short term impact is the cost of installation. According to Malicoat-Winslow Engineers P.C. the estimated cost for the project ranges from approximately \$72,500 - \$79,750. IT Department currently has \$77,000 budgeted for the project which was appropriated during the budget process and will be presented as an amendment to roll forward for FY 2021. A transfer will be requested if additional funds are needed.

Long-Term Impact: Potential reduction in energy costs and reduce risk to data integrity in the data center.

## Strategic & Comprehensive Plan Impact

### [Strategic Plan Impacts:](#)

Primary Impact: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

### [Comprehensive Plan Impacts:](#)

Primary Impact: Mobility, Connectivity, and Accessibility, Secondary Impact: Secondary, Tertiary Impact: Tertiary



# City of Columbia

701 East Broadway, Columbia, Missouri 65201

## Legislative History

Date	Action
N/A	

## Suggested Council Action

Adopt the resolution setting a public hearing on September 21, 2020 for the construction of the installation of the APC cooling equipment in the IT data center located in the Daniel Boone Building.