



Information Technology

Wireless Infrastructure Upgrades

City Council

October 17th, 2022

Wireless Infrastructure Upgrades

As the City continues to shift to more Software as a Service (SaaS) applications, speed improvements to the City's wireless networks are required.



Wireless Infrastructure Upgrades

The replacement of the City's wireless infrastructure was a planned event in the FY22-23 budget and is approximate to the departmental budget.

The Wireless Infrastructure project is part of the overall BTX-IT Network Architecture improvements that were briefed to Council on June 20th, 2022.



Wireless Infrastructure Upgrades

The infrastructure needs to be replaced to allow for better management and connectivity features for staff and citizens.

The new hardware will enable quicker connections and better bandwidth for all users.

The new management software will improve the City's cybersecurity posture by streamlining device management and enhanced features.

By utilizing CDW-G, BTX-IT can take advantage of additional discounts offered through the DIR contract directly through HPE to CDW-G. |

Requested Council Action

- ❖ Approve (Recommendation) or Deny a Purchase Order for the Aruba Wireless hardware and ClearPass software from CDW for the replacement of the City of Burleson's Wireless infrastructure and authorize the City Manager to approve the reoccurring maintenance and support associated with the wireless infrastructure for five years in an amount not to exceed \$224,047.17 STATE CONTRACT DIR-CPO-4547.

Questions / Comments

