

City of Fort Lauderdale
FY 2018 - FY 2022
Five-Year Technology Infrastructure Upgrade Plan

| Infrastructure Type | FY 2018 | FY 2019 | FY 2020 | FY 2021 | FY 2022 | FY 2018-2022 Total |
|---|---------|---------|---------|---------|---------|-----------------------|
| Servers The goal of this infrastructure plan component is to migrate aging physical servers to a more cost effective virtualization platform while improving capabilities and reducing security vulnerabilities. | 40,000 | 40,000 | 40,000 | - | - | 120,000 |
| Virtual Environment The goal of this infrastructure plan component is to replace end of life (EOL), end of support (EOS), high security risk or expansion hindering components of the virtualize server and storage platform, with the intent of improving operational efficiencies, improving capabilities and reducing security vulnerabilities. | 100,000 | 100,000 | 80,000 | 80,000 | 80,000 | 440,000 |
| Uninterruptable Power Supply (UPS) The goal of this infrastructure plan component is to replace the end of life (EOL) data center uninterruptable power supply (UPS) batteries, used to provider temporary power to the City critical IT infrastructure during a power outage. These batteries play a role in the ITS business continuity plan by protecting and ensuring the resiliency of critical IT infrastructure. | - | - | - | 173,000 | - | 173,000 |
| Network Equipment Upgrade The goal of this infrastructure plan component is to replace end of life (EOL), end of support (EOS), high security risk or expansion hindering components of the City-wide network and collaboration infrastructure, with the intent of improving operational efficiencies, improving capabilities and reducing security vulnerabilities. The City-wide network and collaboration infrastructure consists of switches, routers, wireless controllers, wireless access points, firewalls, video conferencing and digital signage equipment. | - | 100,000 | 100,000 | 100,000 | 100,000 | 400,000 |
| Cloud Infrastructure The goal of this infrastructure plan component is to support the initial cost of migrating existing applications to the public cloud infrastructure. | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Back Up Appliances The goal of this infrastructure plan component is to replace end of life (EOL), end of support (EOS), high security risk or expansion hindering components of the Information Technology Services (ITS) back up appliances, with the intent of improving operational efficiencies, improving capabilities and reducing security vulnerabilities. | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 |
| Total | 290,000 | 390,000 | 370,000 | 503,000 | 330,000 | 1,883,000 |