City of Waukesha, Wisconsin
EQUIPMENT REPLACEMENT FUND EXPENDITURE
Budget Years: 2024 - 2028

Department: Information Technology
Dept. Head: Chris Pofahl
Project Contact: Greg Vanness

Description of Expenditure:	Server / Server Software & Storage
Addition or Replacement:	Replacement
Initial Cost	$ 1,000,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Maintenance Cost Over 5 years	$ -
TOTAL INVESTMENT	$ 1,000,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 1,000,000

Justification for Equipment Replacement Fund Expenditure

The VMware NSX ATP and Multi-factor Authentication projects are part of the IT layered security strategy, and will help secure user logons.

Fund-Org.-Object-Project	Funding Sources	FY '24	FY '25	FY '26	FY '27	FY '28	Total
0400-1917-42210	State Shared Rev.	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 1,000,000
	Total	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 1,000,000

Fund-Org.-Object-Project	Expenditures	FY '24	FY '25	FY '26	FY '27	FY '28	Total
0400-1917-68160-81201	Tier 1 & Tier 2 Storage	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 1,000,000
0400-1917-68160-81201	Vmware NSX ATP & NDR	$ -	$ -	$ -	$ -	$ -	$ -
0400-1917-68160-81201	Multi-factor Authentication	$ -	$ -	$ -	$ -	$ -	$ -
	Total	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 1,000,000

How will this improve our service level and efficiency?

The MFA project is part of the IT layered security strategy, and will help secure user accounts by adding a second means of authentication.

CITY OF WAUKESHA, WISCONSIN
EQUIPMENT REPLACEMENT FUND EXPENDITURE
Budget Years: 2024 - 2028

Department: Information Technology
Dept. Head: Chris Pofahl
Project Contact: Greg Vanness

Description of Expenditure:	Communications & Cabling
Addition or Replacement:	Replacement
Initial Cost	$ 150,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Maintenance Cost Over 5 years	$ -
TOTAL INVESTMENT	$ 150,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 150,000

Justification for Equipment Replacement Fund Expenditure

The Communications account includes networks switches, routers, firewalls, and the peripherals to interconnect them. The replacement of communication equipment is determined by an assessment. Common criteria analyzed includes risk and impact, and age. Core networking equipment imposes the most risk, and has the biggest impact because it affects the entire network, or public safety. Edge networking equipment has less risk because it may only impact a single site. The replacement schedule aligns with two Strategic Plan focus areas: Well Managed/Financially Sound, and Customer Focused.
Customer Focused: Reliable networking equipment keeps everyone connected to applications, email, the Internet, and keeps daily operations of all departments running efficiently.
Well Managed/Financially Sound: The replacement schedule prior to 2017 was done solely based on the age of the device. By switching to an analytical assessment for replacement, we can get the most out of each device, and reduce risk. Additionally, this methodology allows for better budget planning and forecasting.

Fund-Org.-Object-Project	Funding Sources	FY '24	FY '25	FY '26	FY '27	FY '28	Total
0400-1917-42210	State Shared Rev.	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 150,000
	Total	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 150,000

Fund-Org.-Object-Project	Expenditures	FY '24	FY '25	FY '26	FY '27	FY '28	Total
0400-1917-68160-81202	Infrastructure	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 150,000
	Total	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 150,000

How will this improve our service level and efficiency?

Reliable networking equipment keeps everyone connected to applications, email, the Internet, and keeps daily operations of all departments running efficiently.

CITY OF WAUKESHA, WISCONSIN
EQUIPMENT REPLACEMENT FUND EXPENDITURE
Budget Years: 2024 - 2028

Department: Information Technology
Dept. Head: Chris Pofahl
Project Contact: Greg Vanness

Description of Expenditure:	PC / Notebook & Peripheral Replacements
Addition or Replacement:	Replacement
Initial Cost	$ 659,691
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Maintenance Cost Over 5 years	$ -
TOTAL INVESTMENT	$ 659,691
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 659,691

Justification for Equipment Replacement Fund Expenditure

The replacement schedule aligns with two Strategic Plan focus areas: Well Managed/Financially Sound, and Customer Focused. Customer Focused: PCs and Notebooks have a 3-5 year lifecycle, and are replaced using a needs assessment. The common criteria used in determining replacement are: performance issues, reliability, or compatibility issues. The age of the device may also determine its replacement. Peripherals and accessories are ancillary, and include: monitors, keyboards, docking stations, cables, etc. Reliable computing equipment provides a positive user experience through better computer performance and reliability, and helps to keep daily operations of all departments running efficiently.

Well Managed/Financially Sound: The replacement schedule prior to 2017 was done solely based on the age of the device. By switching to a needs assessment for replacement we can get the most out of each device. Additionally, this methodology allows for better budget planning and forecasting.

Fund-Org.-Object-Project	Funding Sources	FY '24	FY '25	FY '26	FY '27	FY '28	Total
0400-1917-42210	State Shared Rev.	$ 141,691	$ 134,000	$ 128,000	$ 128,000	$ 128,000	$ 659,691
0420-2166-42210	State Shared Rev.	$ -	$ -	$ -	$ -	$ -	$ -
0420-2242-42210	State Shared Rev.	$ -	$ -	$ -	$ -	$ -	$ -
	Total	$ 141,691	$ 134,000	$ 128,000	$ 128,000	$ 128,000	$ 659,691

Fund-Org.-Object-Project	Expenditures	FY '24	FY '25	FY '26	FY '27	FY '28	Total
0400-1917-68160-81203	Peripheral Replacements	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 175,000
0400-1917-68160-81203	PC Replacements	$ 90,000	$ 90,000	$ 90,000	$ 90,000	$ 90,000	$ 450,000
0400-1917-68160-81203	iPads	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 15,000
0400-1917-68160-81203	Cemetery Security Camera Cameras	$ 7,691	$ -	$ -	$ -	$ -	$ 7,691
0400-1917-68160-81203	Mitel Replacement Phones	$ 6,000	$ 6,000	$ -	$ -	$ -	$ 12,000
	Total	$ 141,691	$ 134,000	$ 128,000	$ 128,000	$ 128,000	$ 659,691

How will this improve our service level and efficiency?

Staying on the replacement schedule improves user experience through better computer performance and reliability, and helps to keep operations running efficiently.

CITY OF WAUKESHA, WISCONSIN
EQUIPMENT REPLACEMENT FUND EXPENDITURE
Budget Years: 2024 - 2028

Department: Information Technology
Dept. Head: Chris Pofahl
Project Contact: Greg Vanness

Description of Expenditure:	Infrastructure / Power Protection
Addition or Replacement:	Replacement
Initial Cost	$ 60,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Maintenance Cost Over 5 years	$ -
TOTAL INVESTMENT	$ 60,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 60,000

Justification for Equipment Replacement Fund Expenditure

This equipment is used to protect critical infrastructure switches in data closets throughout the organization. UPS devices that are being replaced are at least 5 years old. At this age the internal batteries begin to fail with the potential for the batteries to corrode or explode.

Fund-Org.-Object-Project	Funding Sources	FY '24	FY '25	FY '26	FY '27	FY '28	Total
0400-1917-42210	State Shared Rev.	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 60,000
	Total	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 60,000

Fund-Org.-Object-Project	Expenditures	FY '24	FY '25	FY '26	FY '27	FY '28	Total
0400-1917-68160-81205	(2) Liebert GXT3 UPS + Battery Pack)	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 60,000
	Total	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 60,000

How will this improve our service level and efficiency?

UPS devices are critical in protecting valuable City assets and keeping the City network operating optimally. Typically, equipment damaged without a UPS is worth 3x the amount of the UPS itself.