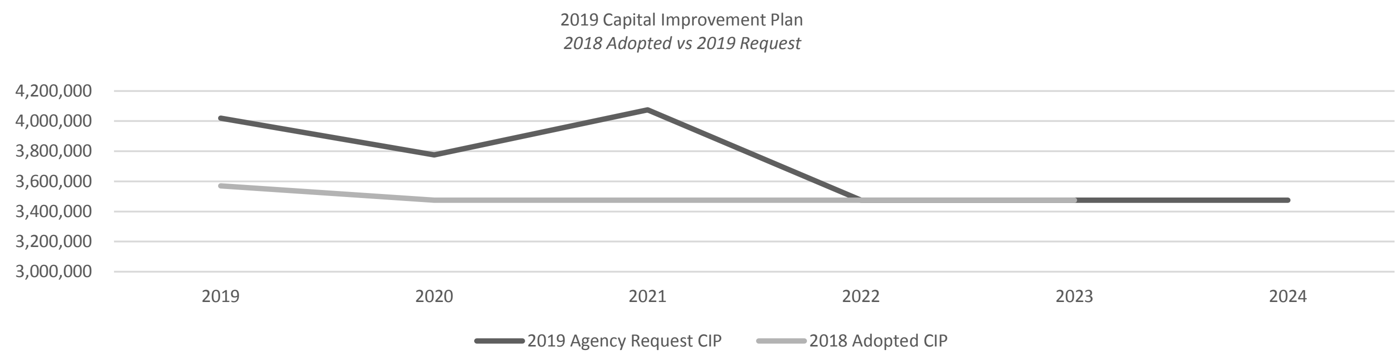
Information Technology

Capital Improvement Plan

Project Summary

	Agency Priority	2019	2020	2021	2022	2023	2024
311/Customer Relationship Management (CF	6	150,000	-	-	-	-	-
Expand Fiber And Wireless Network	5	220,000	230,000	230,000	230,000	230,000	230,000
Hardware/Software Upgrades	2	2,200,000	2,350,000	2,350,000	2,350,000	2,350,000	2,350,000
Learning Management System	8	100,000	-	-	-	-	-
Legislative Management System	8	500,000	-	-	-	-	-
Mobile Computing Laptops	3	200,000	220,000	220,000	220,000	220,000	220,000
Network Security	1	250,000	275,000	275,000	275,000	275,000	275,000
Property Assessment System	10	-	-	600,000	-	-	-
Purchased Software Enhancements	4	400,000	400,000	400,000	400,000	400,000	400,000
Tax System Replacement	9	-	300,000	-	-	-	-
Total		**$ 4,020,000**	**$ 3,775,000**	**$ 4,075,000**	**$ 3,475,000**	**$ 3,475,000**	**$ 3,475,000**

Changes from 2018 CIP



Projects Added

- 311/Customer Relationship Management (CRM) System: Funding added for 2019 ($150k)
- Learning Management System: Funding added for 2019 ($100k)
- Legislative Management System: Funding added for 2019 ($500k)
- Property Assessment System: Funding added for 2021 ($600k)

Projects: Schedule Changes

- Tax System Replacement: Project deferred to 2020 ($300k)

Information Technology
Paul Kronberger, Chief Information Officer
City-County Building, Room 500
210 Martin Luther King, Jr. Boulevard
Madison, Wisconsin 53703-3349

May 31, 2018

David Schmiedicke
Finance Director
City of Madison

Re: 2019 Information Technology
Capital Budget Request

Dear Dave,

Please find our 2019 capital budget request as submitted through the SharePoint process. The following is a summary with priorities indicated:

Priority	Project #	Project Name
1	17401	Network Security

This program is an ongoing effort to maintain or improve the IT security posture of the City's computer network and the physical security of city owned facilities and other physical security needs identified by agencies.

2	17400	Hardware/Software Upgrades

This program funds equipment and software upgrades and expansion of the data, voice and storage network infrastructure. Items include software licenses, servers, network switches and routers, enterprise storage, PC workstations, laptops, printers and other equipment.

3	17402	Mobile Computing

This program provides for the regular replacement of outdated mobile data laptop computers for Police, Fire and Public Works agencies.

4	17403	Purchased Software Enhancements

This program provides for upgrading existing vendor supplied software and applications supporting City operations.

5	17404	Expand Fiber and Wireless Network

This program funds the expansion and upgrades to the City's high-speed fiber optic network and wireless network. This provides for maintaining high network availability and assures sufficient capacity.

6 17522 Learning Management System

This project funds the acquisition, implementation, and training for a Learning Management System (LMS), which will administer, document, track, report on, and deliver educational courses or training programs for City staff and other public sector participants.

7 17523 311/Customer Relationship Management System

Funding for the implementation of a 311/Customer Relationship Management (CRM) system, including the necessary hardware, software, implementation services, and training. The 311/CRM system would create a central hub for residents to be able to access a variety of city services and provide information to the city. A study in 2019 will further define the scope and costs associated with this project.

8 17521 Legislative Management System

Funding for this project includes the purchase of a new system for the administration of the City's legislative processes, including the tracking of committees and commissions. This project would include the replacement of an obsolete committees and commissions system from the mid-1990’s system and integrating two systems into a single platform.

9 17049 Tax System Replacement

Funding for the implementation of the City’s tax billing and collection processes including the necessary hardware, software, implementation services, and training. This will replace an aging and limited system that was developed in the mid-1990’s on a non-standard platform.

10 10043 Property Assessment System (CAMA)

Funding for the purchase of a new Property Assessment system includes a computer system for the administration of property assessment functions, specifically property data management, sales analysis, and property valuation. This will replace an aging and limited system that was developed in the mid-1990’s on a non-standard platform

Forms were submit through the SharePoint process. Our request includes deferring the Tax System Replacement ($300,000) to 2020 to offset the cost of the Learning Management System as well as Legislative Management System. Please let me know if you have any questions. Thank you.

Sincerely,

Sarah Edgerton, Interim CIO
City of Madison

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency

Information Technology

Proposal Name

311/Customer Relationship M

Project Category

Other

Project Number

17522

Proposal Description

This project funds the implementation of a 311/Customer Relationship Management (CRM) system, including the necessary hardware, software, implementation services, and training. The 311/CRM system would create a central hub for residents to be able to access a variety of city services and provide information to the city. A study will be performed in 2019 that will further define the scope and costs associated with this project.

Proposal Type

Project

Priority

6

Section 2: Project Budget

Total Project Budget $900,000

Prior Appropriation $0

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing	150,000					
Total	$150,000	$0	$0	$0	$0	$0

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Other	150,000					
Total	$150,000	$0	$0	$0	$0	$0

What is the methodology used to determine the budget for this project?

Preliminary estimate is based on research of other 311/CRM implementations with the following criteria: population size, project size, and software infrastructure.

Are any fleet equipment or vehicles being purchased within this project budget?

○ Yes ◉ No

Have matching funds been secured for any projects within the program?

○ Yes ◉ No

Section 3: Project Justification

Is this project called for in an approved master plan?

○ Yes ◉ No

What is the desired outcome of the proposed project?

This project funds a study that will be performed in 2019 that will further define the scope and costs associated with this project. This will include developing a comprehensive 311/CRM Strategic Plan for the City of Madison. The Strategic Plan will incorporate information collected from citizen input, service staff within City Departments and City of Madison Elected Officials and Management.

How will this outcome be measured?

By developing a Strategic Plan that will allow us to measure the feasibility of a 311 system.

Section 4: Project Scope & Status

What is the scope of project?

Dveloping a comprehensive 311/CRM Strategic Plan for the City of Madison.

Can this project be mapped?

○ Yes ◉ No

Is this project on the Project's Portal?

○ **Yes** ◉ **No**

What is the total project timespan (all years for all phases)?

Start Year: 2019 **End Year:** 2021

What is the current status of the project?

Planning

Planned Schedule

	2019	*2020*	*2021*	*2022*	*2023*	*2024*
Project Status	Construction Completion					

Section 5: Operating Costs

What is the estimated annual operating costs associated with the project?

Personnel

# of FTEs	*Annual Cost*	*Description*

Non-Personnel

Major	*Amount*	*Description*

Notes

Notes:

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency

Information Technology

Proposal Name

Expand Fiber And Wireless N

Project Category

Other

Project Number

17404

Proposal Description

This program funds the installation of high-speed fiber optic cable or wireless connections to City facilities and adds additional capacity to areas of the network that are overburdened. The goal of the program is to provide and improve high-speed connections for City agencies. Progress is measured by the number of city-owned facilities that are served, network capacity, and network reliability. Funding in 2018 will provide fiber optic cable in and around Campus Drive, University Avenue, and Vilas Zoo.

Proposal Type

Program

Priority

5

Section 2: Program Budget

Prior Authorization

	Budget	*Actual*	*Difference*
2015	0	0	0
2016	255,000	73,638	181,362
2017	220,000	381,813	-161,813
2018	220,000	4,686	215,314
Total	**695,000**	**460,137**	234,863

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing	220,000	230,000	230,000	230,000	230,000	230,000
Total	$220,000	$230,000	$230,000	$230,000	$230,000	$230,000

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Fiber Network	220,000	230,000	230,000	230,000	230,000	230,000
Total	$220,000	$230,000	$230,000	$230,000	$230,000	$230,000

Does this program have matching funds?

○ **Yes** ◉ **No**

Section 3: Minor Projects

2019

Planned Projects

Project	*Estimated Cost*	*Street Address*
Network Audit	$75,000	N/A
City Agency Fiber Builds	$145,000	TBD

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Fiber Network	TBD	Update Conduit, fiber optic and splice ownership, as well as, provide network connectivity around the City.

2020

Planned Projects

Project	*Estimated Cost*	*Street Address*

Project	Estimated Cost	Street Address
Network Audit	$75,000	N/A
City Agency Fiber Builds	$155,000	TBD

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Fiber Network	TBD	Update Conduit, fiber optic and splice ownership, as well as, provide network connectivity around the City.

2021

Planned Projects

Project	Estimated Cost	Street Address
Network Audit	$75,000	N/A
City Agency Fiber Builds	$155,000	TBD

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Fiber Network	TBD	Update Conduit, fiber optic and splice ownership, as well as, provide network connectivity around the City.

2022

Planned Projects

Project	Estimated Cost	Street Address
Network Audit	$75,000	N/A
City Agency Fiber Builds	$155,000	TBD

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Fiber Network	TBD	Update Conduit, fiber optic and splice ownership, as well as, provide network connectivity around the City.

2023

Planned Projects

Project	Estimated Cost	Street Address
Network Audit	$75,000	N/A
City Agency Fiber Builds	$155,000	TBD

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Fiber Network	TBD	Update Conduit, fiber optic and splice ownership, as well as, provide network connectivity around the City.

2024

Planned Projects

Project	Estimated Cost	Street Address
Network Audit	$75,000	N/A
City Agency Fiber Builds	$155,000	TBD

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Fiber Network	TBD	Update Conduit, fiber optic and splice ownership, as well as, provide network connectivity around the City.

Section 4: Program Justification

What is the program's desired outcome for the customer?

Higher network speeds and improved service for the City. Connectivity to new City sites.

How is the outcome currently being measured?

Bandwidth and network reliability

Notes

Notes:

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency

Information Technology

Proposal Name

Hardware/Software Upgrade

Project Category

Other

Project Number

17400

Proposal Description

This program funds equipment and system upgrades, expansion of the City's data, voice, audio, visual and spatial storage, and network infrastructure. The goal of the program is to replace outdated network equipment to ensure network performance and reliability, ease of administration, and security. Progress is measured by feedback from City staff regarding reliability of hardware and applicability of software in providing services to residents.

Proposal Type

Program

Priority

2

Section 2: Program Budget

Prior Authorization

	Budget	Actual	Difference
2015	0	31,080	-31,080
2016	2,469,492	1,682,214	787,278
2017	2,200,000	2,165,711	34,289
2018	2,136,000	333,520	1,802,480
Total	**6,805,492**	**4,212,525**	2,592,967

Budget by Year

Funding Source	2019	2020	2021	2022	2023	2024
GF GO Borrowing	2,200,000	2,350,000	2,350,000	2,350,000	2,350,000	2,350,000
Total	$2,200,000	$2,350,000	$2,350,000	$2,350,000	$2,350,000	$2,350,000

Expense Type	2019	2020	2021	2022	2023	2024
Machinery and Equipment	1,800,000	1,850,000	1,800,000	1,800,000	1,800,000	1,800,000
Software and Licenses	400,000	500,000	550,000	550,000	550,000	550,000
Total	$2,200,000	$2,350,000	$2,350,000	$2,350,000	$2,350,000	$2,350,000

Does this program have matching funds?

○ Yes ◉ No

Section 3: Minor Projects

2019

Planned Projects

Project	Estimated Cost	Street Address
Equipment Replacements	$1,800,000	N/A
Software Upgrades	$400,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Machinery and Equipment	TBD	Purchase of replacement equipment such as laptops, desktops, tablets, monitors, printers, servers, network equipment, and storage systems.
Software and Licenses	TBD	Software Upgrades

2020

Planned Projects

Project	Estimated Cost	Street Address
Equipment Replacements	$1,850,000	N/A
Software Upgrades	$500,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Machinery and Equipment	TBD	Purchase of replacement equipment such as laptops, desktops, tablets, monitors, printers, servers, network equipment, etc...
Software and Licenses	TBD	Software Upgrades

2021

Planned Projects

Project	Estimated Cost	Street Address
Equipment Replacements	$1,800,000	N/A
Software Upgrades	$550,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Machinery and Equipment	TBD	Purchase of replacement equipment such as laptops, desktops, tablets, monitors, printers, servers, network equipment, etc...
Software and Licenses	TBD	Software Upgrades

2022

Planned Projects

Project	Estimated Cost	Street Address
Equipment Replacements	$1,800,000	N/A
Software Upgrades	$550,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Machinery and Equipment	TBD	Purchase of replacement equipment such as laptops, desktops, tablets, monitors, printers, servers, network equipment, etc...
Software and Licenses	TBD	Software Upgrades

2023

Planned Projects

Project	Estimated Cost	Street Address
Equipment Replacements	$1,800,000	N/A
Software Upgrades	$550,000	n

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Machinery and Equipment	TBD	Purchase of replacement equipment such as laptops, desktops, tablets, monitors, printers, servers, network equipment, etc...
Software and Licenses	TBD	Software Upgrades

2024

Planned Projects

Project	Estimated Cost	Street Address
Equipment Replacements	$1,800,000	N/A

Project	Estimated Cost	Street Address
Software Upgrades	$550,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Machinery and Equipment	TBD	Purchase of replacement equipment such as laptops, desktops, tablets, monitors, printers, servers, network equipment, etc…
Software and Licenses	TBD	Software Upgrades

Section 4: Program Justification

What is the program's desired outcome for the customer?

Up-to-date hardware and software will ensure City Staff are able to meet the needs of the residents.

How is the outcome currently being measured?

Feedback from City Staff regarding reliability of hardware and applicability of software to provide services to residents whether engaged through the website or in-person.

Notes

Notes:

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency

Information Technology

Proposal Name

Learning Management Syster

Project Category

Other

Project Number

17523

Proposal Description

This project funds the acquisition, implementation, and training for a Learning Management System (LMS), which will administer, document, track, report on, and deliver educational courses or training programs for City staff and other public sector participants.

Proposal Type

Project

Priority

8

Section 2: Project Budget

Total Project Budget $100,000

Prior Appropriation $0

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing	100,000					
Total	$100,000	$0	$0	$0	$0	$0

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Software and Licenses	25,000					
Other	75,000					
Total	$100,000	$0	$0	$0	$0	$0

What is the methodology used to determine the budget for this project?

After preliminary cost analysis resaearch, this was the average cost of a Learning Management System.

Are any fleet equipment or vehicles being purchased within this project budget?

○ Yes ◉ No

Have matching funds been secured for any projects within the program?

○ Yes ◉ No

Section 3: Project Justification

Is this project called for in an approved master plan?

○ Yes ◉ No

What is the desired outcome of the proposed project?

To have a fully functioning Learning Management System that Human Resources will be able to implement.

How will this outcome be measured?

By having the ability to administer, document, track, report on, and deliver educational courses or training programs when appropriate.

Section 4: Project Scope & Status

What is the scope of project?

Acquire the necessary hardware, software, implementation and training services for a Learning Management system.

Can this project be mapped?

○ Yes ◉ No

Is this project on the Project's Portal?

○ Yes ◉ No

What is the total project timespan (all years for all phases)?

Start Year: 2019 **End Year:** 2019

What is the current status of the project?

Planning

Planned Schedule

	2019	*2020*	*2021*	*2022*	*2023*	*2024*
Project Status	Construction Completion					

Section 5: Operating Costs

What is the estimated annual operating costs associated with the project? $10,000

Personnel

# of FTEs	*Annual Cost*	*Description*

Non-Personnel

Major	*Amount*	*Description*

Notes

Notes:

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency

Information Technology

Proposal Name

Legislative Management Syst

Project Category

Other

Project Number

17521

Proposal Description

This project funds the purchase of a new system for the administration of the City's legislative processes, including the tracking of committees and commissions. This project would include the replacement of an obsolete committees and commissions system from the mid-1990's and integrating two systems into a single platform.

Proposal Type

Project

Priority

8

Section 2: Project Budget

Total Project Budget $750,000

Prior Appropriation $0

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing	500,000					
Total	$500,000	$0	$0	$0	$0	$0

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Software and Licenses	50,000					
Other	450,000					
Total	$500,000	$0	$0	$0	$0	$0

What is the methodology used to determine the budget for this project?

Preliminary estimate is based on research of other implementations with the following criteria: population size, project size, and software infrastructure.

Are any fleet equipment or vehicles being purchased within this project budget?

○ Yes ◉ No

Have matching funds been secured for any projects within the program?

○ Yes ◉ No

Section 3: Project Justification

Is this project called for in an approved master plan?

○ Yes ◉ No

What is the desired outcome of the proposed project?

A modern, fully integrated Legislative Management System that allows residents, elected officials, and city staff to effectively manage the City's legislative process.

How will this outcome be measured?

By meeting the needs outlined in a requirements document.

Section 4: Project Scope & Status

What is the scope of project?

Replacement of the obsolete system.

Can this project be mapped?

○ Yes ◉ No

Is this project on the Project's Portal?

○ Yes ◉ No

What is the total project timespan (all years for all phases)?

Start Year: 2019 **End Year:** 2020

What is the current status of the project?

Planning

Planned Schedule

	2019	*2020*	*2021*	*2022*	*2023*	*2024*
Project Status	Planning	Construction Completion				

Section 5: Operating Costs

What is the estimated annual operating costs associated with the project? $50,000

Personnel

# of FTEs	*Annual Cost*	*Description*

Non-Personnel

Major	*Amount*	*Description*
		Software maintenance cost/yer

Notes

Notes:

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency
Information Technology

Proposal Name
Mobile Computing Laptops

Project Category
Other

Project Number
17402

Proposal Description
This program provides for the regular replacement of outdated mobile-data laptop computers installed in Public Safety vehicles and mobile devices used by other City agencies. The goal of the program is to provide necessary devices for Public Safety, Public Works, and Public Health staff working in the field. Progress is measured by feedback from City staff regarding device reliability and ease of use while in the field or at remote locations. Funding in 2018 will provide for 50 devices.

Proposal Type
Program

Priority
3

Section 2: Program Budget

Prior Authorization

	Budget	*Actual*	*Difference*
2015	0	5,064	-5,064
2016	200,000	194,936	5,064
2017	200,000	181,416	18,584
2018	200,000	2,368	197,632
Total	**600,000**	**383,784**	216,216

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing	200,000	220,000	220,000	220,000	220,000	220,000
Total	$200,000	$220,000	$220,000	$220,000	$220,000	$220,000

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Machinery and Equipment	200,000	220,000	220,000	220,000	220,000	220,000
Total	$200,000	$220,000	$220,000	$220,000	$220,000	$220,000

Does this program have matching funds?

○ **Yes** ◉ **No**

Section 3: Minor Projects

2019

Planned Projects

Project	*Estimated Cost*	*Street Address*
Replacement Devices	$200,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Machinery and Equipment	60	Ruggedized devices for public safety and public works staff

2020

Planned Projects

Project	*Estimated Cost*	*Street Address*
Replacement Devices	$220,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Machinery and Equipment	70	Ruggedized devices for public safety and public works staff

2021

Planned Projects

Project	Estimated Cost	Street Address
Replacement Devices	$220,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Machinery and Equipment	70	Ruggedized devices for public safety and public works staff

2022

Planned Projects

Project	Estimated Cost	Street Address
Replacement Devices	$220,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Machinery and Equipment	70	Ruggedized devices for public safety and public works staff

2023

Planned Projects

Project	Estimated Cost	Street Address
Replacement Devices	$220,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Machinery and Equipment	70	Ruggedized devices for public safety and public works staff

2024

Planned Projects

Project	Estimated Cost	Street Address
Replacement Devices	$220,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Machinery and Equipment	70	Ruggedized devices for public safety and public works staff

Section 4: Program Justification

What is the program's desired outcome for the customer?

Provide necessary devices for public safety and public works staff working in the field.

How is the outcome currently being measured?

Feedback from City Staff regarding device reliability and ease of use while in the field or at remote locations.

Notes

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency

Information Technology

Proposal Name

Network Security

Project Category

Other

Project Number

17401

Proposal Description

This program funds an ongoing effort to maintain and improve the security posture of the City's computer network and the physical security of City-owned facilities, including security assessments and consulting. The goal of the program is to ensure the City’s devices (desktop PCs, laptops, smartphones, tablets, etc.) and network servers are secure. Progress is measured by accessibility of City services by citizens, minimal downtime, and increased ability to prevent and mitigate cyberattacks. Funding in 2018 will provide for improved detection of network attacks and ensure that outdated security technology is replaced with more current technology.

Proposal Type

Program

Priority

1

Section 2: Program Budget

Prior Authorization

	Budget	*Actual*	*Difference*
2015	0	35,380	-35,380
2016	250,000	244,180	5,820
2017	250,000	104,698	145,302
2018	250,000	38,815	211,185
Total	**750,000**	**423,073**	326,927

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing	250,000	275,000	275,000	275,000	275,000	275,000
Total	$250,000	$275,000	$275,000	$275,000	$275,000	$275,000

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Machinery and Equipment	132,500	150,000	150,000	150,000	150,000	150,000
Software and Licenses	67,500	75,000	75,000	75,000	75,000	75,000
Other	50,000	50,000	50,000	50,000	50,000	50,000
Total	$250,000	$275,000	$275,000	$275,000	$275,000	$275,000

Does this program have matching funds?

○ **Yes** ◉ **No**

Section 3: Minor Projects

2019

Planned Projects

Project	*Estimated Cost*	*Street Address*
Network, Computer, and Physical Security Improvements	$200,000	N/A
Annual Security Assessment	$50,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Software and Licenses	TBD	Network Segmentation, Identity Management, and Keyscan

Asset Type	Quantity	Description
Other	TBD	Cyber-Security Vulnerability Assessment

2020

Planned Projects

Project	Estimated Cost	Street Address
Network, Computer, and Physical Security Improvements	$225,000	N/A
Annual Security Assessment	$50,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Software and Licenses	TBD	Network Segmentation, Identity Management, and Keyscan
Other	TBD	Cyber-Security Vulnerability Assessment

2021

Planned Projects

Project	Estimated Cost	Street Address
Network, Computer, and Physical Security Improvements	$225,000	N/A
Annual Security Assessment	$50,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Software and Licenses	TBD	Network Segmentation, Identity Management, and Keyscan
Other	TBD	Cyber-Security Vulnerability Assessment

2022

Planned Projects

Project	Estimated Cost	Street Address
Network, Computer, and Physical Security Improvements	$225,000	N/A
Annual Security Assessment	$50,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Software and Licenses	TBD	Network Segmentation, Identity Management, and Keyscan
Other	TBD	Cyber-Security Vulnerability Assessment

2023

Planned Projects

Project	Estimated Cost	Street Address
Network, Computer, and Physical Security Improvements	$225,000	N/A
Annual Security Assessment	$50,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Software and Licenses	TBD	Network Segmentation, Identity Management, and Keyscan

Asset Type	Quantity	Description
Other	TBD	Cyber-Security Vulnerability Assessment

2024

Planned Projects

Project	Estimated Cost	Street Address
Network, Computer, and Physical Security Improvements	$225,000	N/A
Annual Security Assessment	$50,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Software and Licenses	TBD	Network Segmentation, Identity Management, and Keyscan
Other	TBD	Cyber-Security Vulnerability Assessment

Section 4: Program Justification

What is the program's desired outcome for the customer?

A secure network and computing environment to ensure City staff can engage with residents.

How is the outcome currently being measured?

Accessibility of City services by residents and minimal network downtime. Increased ability to prevent and mitigate cyber attacks.

Notes

Notes:

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency

Information Technology

Proposal Name

Property Assessment System

Project Category

Other

Project Number

10043

Proposal Description

This project funds the purchase of a new system for the administration of property assessment functions, specifically property data management, sales analysis, and property valuation. This project replaces an obsolete system from the mid-1990's with a modern Computer-Aided-Mass-Appraisal (CAMA) system that combines all assessment functions into one integrated program.

Proposal Type

Project

Priority

10

Section 2: Project Budget

Total Project Budget $600,000

Prior Appropriation $0

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing			600,000			
Total	$0	$0	$600,000	$0	$0	$0

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Software and Licenses			100,000			
Other			500,000			
Total	$0	$0	$600,000	$0	$0	$0

What is the methodology used to determine the budget for this project?

Preliminary estimate is based on research of other implementations with the following criteria: population size, project size, and software infrastructure.

Are any fleet equipment or vehicles being purchased within this project budget?

○ Yes ◉ No

Have matching funds been secured for any projects within the program?

○ Yes ◉ No

Section 3: Project Justification

Is this project called for in an approved master plan?

○ Yes ◉ No

What is the desired outcome of the proposed project?

The goal of the project is to replace an obsolete system from the mid-1990's with a modern Computer-Aided-Mass-Appraisal (CAMA) system that combines all assessment functions into one integrated program.

How will this outcome be measured?

Progress will be measured by efficiencies within and to the satisfaction of the Assessor's Office.

Section 4: Project Scope & Status

What is the scope of project?

Replacement of the obsolete system.

Can this project be mapped?

○ Yes ◉ No

Is this project on the Project's Portal?

○ Yes ◉ No

What is the total project timespan (all years for all phases)?

Start Year: 2021 **End Year:** 2024

What is the current status of the project?

Planning

Planned Schedule

	2019	*2020*	*2021*	*2022*	*2023*	*2024*
Project Status			Planning	Design Completion	Construction	Construction Completion

Section 5: Operating Costs

What is the estimated annual operating costs associated with the project? $25,000

Personnel

# of FTEs	*Annual Cost*	*Description*

Non-Personnel

Major	*Amount*	*Description*

Notes

Notes:

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency

Information Technology

Proposal Name

Purchased Software Enhance

Project Category

Other

Project Number

17403

Proposal Description

This program funds upgrades and enhancements of existing vendor-supplied software and applications supporting City operations and the purchase of additional customer licenses when necessary. The goal of this program is to have current software functionality for City staff to meet the needs of residents. Progress will be measured by feedback from City staff and residents.

Proposal Type

Program

Priority

4

Section 2: Program Budget

Prior Authorization

	Budget	*Actual*	*Difference*
2015	0	0	0
2016	400,000	37,251	362,749
2017	400,000	448,760	-48,760
2018	300,000	134,563	165,437
Total	**1,100,000**	**620,574**	479,426

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing	400,000	400,000	400,000	400,000	400,000	400,000
Total	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Software and Licenses	220,000	220,000	220,000	220,000	220,000	220,000
Other	180,000	180,000	180,000	180,000	180,000	180,000
Total	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000

Does this program have matching funds?

○ Yes ◉ No

Section 3: Minor Projects

2019

Planned Projects

Project	*Estimated Cost*	*Street Address*
Several	$400,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Software and Licenses	TBD	Upgrades, new features, expanded usage, compliance changes (ordinances, state laws, industry standards)

2020

Planned Projects

Project	*Estimated Cost*	*Street Address*
Several	$400,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Software and Licenses	TBD	Upgrades, new features, expanded usage, compliance changes (ordinances, state laws, industry standards)

2021

Planned Projects

Project	Estimated Cost	Street Address
Several	$400,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Software and Licenses	TBD	Upgrades, new features, expanded usage, compliance changes (ordinances, state laws, industry standards)

2022

Planned Projects

Project	Estimated Cost	Street Address
Several	$400,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Software and Licenses	TBD	Upgrades, new features, expanded usage, compliance changes (ordinances, state laws, industry standards)

2023

Planned Projects

Project	Estimated Cost	Street Address
Several	$400,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Software and Licenses	TBD	Upgrades, new features, expanded usage, compliance changes (ordinances, state laws, industry standards)

2024

Planned Projects

Project	Estimated Cost	Street Address
Several	$400,000	N/A

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Software and Licenses	TBD	Upgrades, new features, expanded usage, compliance changes (ordinances, state laws, industry standards)

Section 4: Program Justification

What is the program's desired outcome for the customer?

Up-to-date software functionality for City Staff to meet the needs of residents.

How is the outcome currently being measured?

Feedback from City Staff and residents.

Notes

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency

Information Technology

Proposal Name

Tax System Replacement

Project Category

Other

Project Number

17049

Proposal Description

This project funds the purchase of a new computer system for the administration of the City's tax billing and collection processes. The goal of the project is to replace an aging and limited system developed in the mid-1990's with a more stable platform. Progress will be measured by feedback from the Treasurer's Office on the functionality of the system and citizen reaction to changes made in the process or bills. This project has been deferred from 2018 to 2019.

Proposal Type

Project

Priority

9

Section 2: Project Budget

Total Project Budget $300,000

Prior Appropriation $0

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing		300,000				
Total	$0	$300,000	$0	$0	$0	$0

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Software and Licenses		300,000				
Total	$0	$300,000	$0	$0	$0	$0

What is the methodology used to determine the budget for this project?

Preliminary estimate is based on research of other implementations with the following criteria: population size, project size, and software infrastructure.

Are any fleet equipment or vehicles being purchased within this project budget?

○ Yes ◉ No

Have matching funds been secured for any projects within the program?

○ Yes ◉ No

Section 3: Project Justification

Is this project called for in an approved master plan?

○ Yes ◉ No

What is the desired outcome of the proposed project?

The goal of the project is to replace an aging and limited system developed in the mid 1990's.

How will this outcome be measured?

Feedback from the Treasurer's office staff on the functionality of the system and resident reaction to any changes made to the process or bills.

Section 4: Project Scope & Status

What is the scope of project?

Replace an aging and limited system developed in the mid 1990's.

Can this project be mapped?

○ Yes ◉ No

Is this project on the Project's Portal?

○ Yes ◉ No

What is the total project timespan (all years for all phases)?

Start Year: 2020 **End Year:** 2022

What is the current status of the project?

Planning

Planned Schedule

	2019	*2020*	*2021*	*2022*	*2023*	*2024*
Project Status		Planning	Construction	Construction Completion		

Section 5: Operating Costs

What is the estimated annual operating costs associated with the project? $37,500

Personnel

# of FTEs	*Annual Cost*	*Description*

Non-Personnel

Major	*Amount*	*Description*

Notes

Notes: