

City of Madison 2018 Capital Improvement Plan
Agency Request Summary

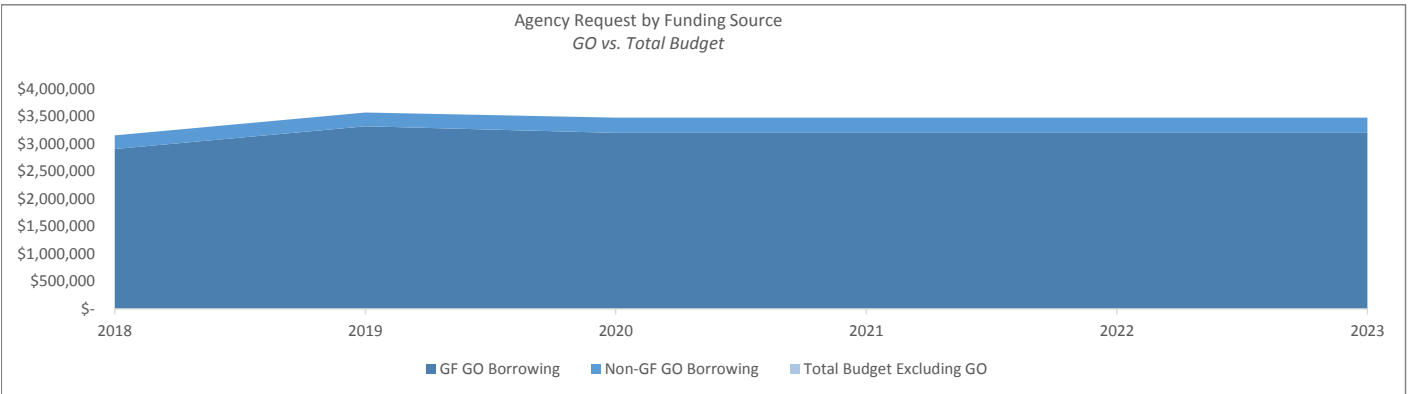
Agency : Information Technology

Agency Request by Project (All Funds)

Project	2018	2019	2020	2021	2022	2023
Expand Fiber And Wireless Network	220,000	220,000	230,000	230,000	230,000	230,000
Hardware/Software Upgrades	2,136,000	2,200,000	2,350,000	2,350,000	2,350,000	2,350,000
Mobile Computing Laptops	200,000	200,000	220,000	220,000	220,000	220,000
Network Security	250,000	250,000	275,000	275,000	275,000	275,000
Purchased Software Enhancements	300,000	400,000	400,000	400,000	400,000	400,000
Residential Internet Access Assistance	50,000	-	-	-	-	-
Tax System Replacement	-	300,000	-	-	-	-
Total	\$ 3,156,000	\$ 3,570,000	\$ 3,475,000	\$ 3,475,000	\$ 3,475,000	\$ 3,475,000

Agency Request by Funding Source

Project	2018	2019	2020	2021	2022	2023
GF GO Borrowing	2,906,000	3,320,000	3,200,000	3,200,000	3,200,000	3,200,000
Non-GF GO Borrowing	250,000	250,000	275,000	275,000	275,000	275,000
Total	\$ 3,156,000	\$ 3,570,000	\$ 3,475,000	\$ 3,475,000	\$ 3,475,000	\$ 3,475,000





Information Technology

Paul Kronberger, Chief Information Officer

City-County Building, Room 500
210 Martin Luther King, Jr. Boulevard
Madison, Wisconsin 53703-3349

May 10, 2017

David Schmiedicke
Finance Director
City of Madison

Re: 2018 Information Technology
Capital Budget Request

Dear Dave,

Please find our 2018 capital budget request as submitted through the SharePoint process. The following is a summary with priorities indicated:

<u>Priority</u>	<u>Project #</u>	<u>Project Name</u>
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
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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
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This program provides for the regular replacement of outdated mobile data laptop computers for Police, Fire and Public Works agencies.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
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This program provides for upgrading existing vendor supplied software and applications supporting City operations.

5	17404	Expand Fiber and Wireless Network
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May 10, 2017

Page 2

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 17049 Tax System Replacement

This project will fund the purchase of a new computer system for the administration of the City's tax billing and collection processes. This will replace an aging and limited system that was developed in the mid-1990's on a non-standard platform.

7 10399 Residential Internet Access Assistance

This project provides for continued funding in 2018 for the Digital Divide pilot project. These funds will make it possible to provide computer literacy education and support services to residents in the pilot areas.

The actual forms have been submitted through the SharePoint process. Our request includes deferring the Tax System Replacement (\$300,000) by one year to 2019. Please let me know if you have any questions. Thank you.

Sincerely,

Paul Kronberger, CIO
City of Madison

Cc: Betsy York

Capital Budget Proposals

Section 1: Identifying Information

Agency

Information Technology

Proposal Name

Expand Fiber And Wireless Network

Munis

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 over-burdened.

Proposal Type

Program

Section 2: Budget Information

Budget by Year

Funding Source	2018	2019	2020	2021	2022	2023
GF GO Borrowing	220,000	220,000	230,000	230,000	230,000	230,000
Total	\$220,000	\$220,000	\$230,000	\$230,000	\$230,000	\$230,000

Insert Funding Source

Expense Category	2018	2019	2020	2021	2022	2023
Fiber Network	220,000	220,000	230,000	230,000	230,000	230,000
Total	\$220,000	\$220,000	\$230,000	\$230,000	\$230,000	\$230,000

Insert Expense Category

Section 3: Proposal

Minor Projects

List the minor projects, estimated amounts and locations currently planned for 2017

Minor Project Name	Estimated Cost	Minor Project Location

Insert Minor Project

Service Level

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

End Product	Product Unit	# of Units Provided
Fiber Network	Miles	TBD

Insert End Product

On average, what is the standard useful life for assets maintained by this program?

20 Years

Is the City currently on track for meeting this standard?

Yes No

Program Goals

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

Higher network speeds and improved service for City Staff and residents.

How is the outcome currently being measured?

Bandwidth and network reliability

Operating Costs

What are the ongoing operating costs associated with proposed projects within the program?

The fiber inventory management software maintenance costs continue from previous years and are approximately \$4,000 annually.

Matching Funds

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

Yes No

Re-Edit

Capital Budget Proposals

Section 1: Identifying Information

Agency

Information Technology

Proposal Name

Hardware/Software Upgrades

Munis

17400

Proposal Description

This program funds equipment and software upgrades and expansion of the City's data, voice and storage network infrastructure. The program also funds equipment replacements and upgrades for the Media Team (City Channel).

Proposal Type

Program

Section 2: Budget Information

Budget by Year

Funding Source	2018	2019	2020	2021	2022	2023
GF GO Borrowing	2,136,000	2,200,000	2,350,000	2,350,000	2,350,000	2,350,000
Total	\$2,136,000	\$2,200,000	\$2,350,000	\$2,350,000	\$2,350,000	\$2,350,000

Insert Funding Source

Expense Category	2018	2019	2020	2021	2022	2023
Machinery and Equipment	1,900,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000
Software and Licenses	236,000	400,000	550,000	550,000	550,000	550,000
Total	\$2,136,000	\$2,200,000	\$2,350,000	\$2,350,000	\$2,350,000	\$2,350,000

Insert Expense Category

Section 3: Proposal

Minor Projects

List the minor projects, estimated amounts and locations currently planned for 2017

Minor Project Name	Estimated Cost	Minor Project Location
Hardware Upgrades	\$1,900,000	City-wide
Software Upgrades	\$236,000	City-wide

Insert Minor Project

Service Level

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

End Product	Product Unit	# of Units Provided
Machinery and Equipment	Pieces of Machines/Equipment	TBD
Software and Licenses	Number of Software/Licenses	TBD

Insert End Product

On average, what is the standard useful life for assets maintained by this program?

3-5 years

Is the City currently on track for meeting this standard?

Yes No

Program Goals

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.

Operating Costs

What are the ongoing operating costs associated with proposed projects within the program?

The operating costs continuing from previous years include maintenance and support for devices (servers, switches, etc) and software licenses. This totals approximately \$110,000 annually in the IT budget and \$200,000 in other agencies budgets.

Matching Funds

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

Yes No

Capital Budget Proposals

Section 1: Identifying Information

Agency

Proposal Name

Munis

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.

Proposal Type

Section 2: Budget Information

Budget by Year

Funding Source	2018	2019	2020	2021	2022	2023
GF GO Borrowing <input type="text" value="v"/>	200,000	200,000	220,000	220,000	220,000	220,000
Total	\$200,000	\$200,000	\$220,000	\$220,000	\$220,000	\$220,000

 Insert Funding Source

Expense Category	2018	2019	2020	2021	2022	2023
Machinery and Equipment <input type="text" value="v"/>	200,000	200,000	220,000	220,000	220,000	220,000
Total	\$200,000	\$200,000	\$220,000	\$220,000	\$220,000	\$220,000

 Insert Expense Category

Section 3: Proposal

Minor Projects

List the minor projects, estimated amounts and locations currently planned for 2017

Minor Project Name	Estimated Cost	Minor Project Location
<input type="text"/>	<input type="text"/>	<input type="text"/>

 Insert Minor Project

Service Level

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

End Product	Product Unit	# of Units Provided
Machinery and Equipment <input type="text" value="v"/>	Pieces of Machines/Equipment	50

 Insert End Product

On average, what is the standard useful life for assets maintained by this program?

Is the City currently on track for meeting this standard?

Yes No

Program Goals

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

How is the outcome currently being measured?

Operating Costs

What are the ongoing operating costs associated with proposed projects within the program?

Matching Funds

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

Yes No

Capital Budget Proposals

Section 1: Identifying Information

Agency

Information Technology

Proposal Name

Network Security

Munis

17401

Proposal Description

This program is 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.

Proposal Type

Program

Section 2: Budget Information

Budget by Year

Funding Source	2018	2019	2020	2021	2022	2023
GF GO Borrowing	250,000	250,000	275,000	275,000	275,000	275,000
Total	\$250,000	\$250,000	\$275,000	\$275,000	\$275,000	\$275,000
Expense Category	2018	2019	2020	2021	2022	2023
Machinery and Equipment	132,500	132,500	150,000	150,000	150,000	150,000
Software and Licenses	67,500	67,500	75,000	75,000	75,000	75,000
Other	50,000	50,000	50,000	50,000	50,000	50,000
Total	\$250,000	\$250,000	\$275,000	\$275,000	\$275,000	\$275,000

Section 3: Proposal

Minor Projects

List the minor projects, estimated amounts and locations currently planned for 2018

Minor Project Name	Estimated Cost	Minor Project Location

Insert Minor Project

Service Level

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

End Product	Product Unit	# of Units Provided
Other	N/A	Consulting
Machinery and Equipment	Pieces of Machines/Equipment	TBD
Software and Licenses	Number of Software/Licenses	TBD

Insert End Product

On average, what is the standard useful life for assets maintained by this program?

3-5 Years

Is the City currently on track for meeting this standard?

Yes No

Program Goals

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.

Operating Costs

What are the ongoing operating costs associated with proposed projects within the program?

There is a possibility of an annual operating cost starting in 2020 in the amount of \$30,000.

Matching Funds

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

Yes No

Save

Submit

Capital Budget Proposals

Section 1: Identifying Information

Agency

Proposal Name

Munis

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.

Proposal Type

Section 2: Budget Information

Budget by Year

Funding Source	2018	2019	2020	2021	2022	2023
GF GO Borrowing <input type="text" value="v"/>	300,000	400,000	400,000	400,000	400,000	400,000
Total	\$300,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000
<input type="checkbox"/> Insert Funding Source						
Expense Category	2018	2019	2020	2021	2022	2023
Software and Licenses <input type="text" value="v"/>	170,000	220,000	220,000	220,000	220,000	220,000
Other <input type="text" value="v"/>	130,000	180,000	180,000	180,000	180,000	180,000
Total	\$300,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000

 Insert Expense Category

Section 3: Proposal

[Minor Projects](#)

List the minor projects, estimated amounts and locations currently planned for 2017

Minor Project Name	Estimated Cost	Minor Project Location
<input type="text"/>	<input type="text"/>	<input type="text"/>

 Insert Minor Project

[Service Level](#)

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

End Product	Product Unit	# of Units Provided
Software and Licenses <input type="text" value="v"/>	Number of Software/Licenses	TBD
Other <input type="text" value="v"/>	N/A	Consulting

 Insert End Product

On average, what is the standard useful life for assets maintained by this program?

Is the City currently on track for meeting this standard?

Yes No

[Program Goals](#)

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

How is the outcome currently being measured?

[Operating Costs](#)

What are the ongoing operating costs associated with proposed projects within the program?

[Matching Funds](#)

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

Yes No

Capital Budget Proposals

Section 1: Identifying Information

Agency

Proposal Name

Munis

Proposal Description

This project provides funding to close the "Digital Divide" in four low income neighborhoods (Allied Drive, Darbo/Worthington, Brentwood and Kennedy Heights).

Proposal Type

Section 2: Budget Information

Total Project Budget

Budget by Year

Funding Source	2018	2019	2020	2021	2022	2023
GF GO Borrowing <input type="text" value=""/>	50,000					
Total	\$50,000	\$0	\$0	\$0	\$0	\$0

Expense Category	2018	2019	2020	2021	2022	2023
Other <input type="text" value=""/>	50,000					
Total	\$50,000	\$0	\$0	\$0	\$0	\$0

Insert Expense Category

Section 3: Proposal

Project Status

What is the location of the proposed project?

Is the property currently owned by the City of Madison?

Yes No

What is the current status of the project?

What is the planned schedule for the project?

2018	2019	2020	2021	2022	2023
Construction <input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>

Project Justification

Is the proposed project the replacement of an existing asset or the construction of a new asset?

New Asset Existing Asset

Is this project called for in an approved master plan?

Yes No

What is the desired outcome of the proposed project?

How will this outcome be measured?

Operating Costs

Will the proposed project result in operational efficiencies and/or savings? Please Explain.

What's the annual operating costs associated with the project?

Describe, by major, the operating costs associated with the project. Include the number of newly created positions required by the project.

Matching Funds

Have matching funds been secured for the project?

- Yes No

Re-Edit

Capital Budget Proposals

Section 1: Identifying Information

Agency

Information Technology

Proposal Name

Tax System Replacement

Munis

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.

Proposal Type

Project

Section 2: Budget Information

Total Project Budget

Budget by Year

Funding Source	2018	2019	2020	2021	2022	2023
GF GO Borrowing <input type="text" value=""/>		300,000				
Total	\$0	\$300,000	\$0	\$0	\$0	\$0
<input type="checkbox"/> Insert Funding Source						
Expense Category	2018	2019	2020	2021	2022	2023
Other <input type="text" value=""/>		150,000				
Software and Licenses <input type="text" value=""/>		150,000				
Total	\$0	\$300,000	\$0	\$0	\$0	\$0
<input type="checkbox"/> Insert Expense Category						

Section 3: Proposal

Project Status

What is the location of the proposed project?

Treasurer's Office

Is the property currently owned by the City of Madison?

Yes No

What is the current status of the project?

Planning

What is the planned schedule for the project?

2018 Planning 2019 2020 2021 2022 2023

Project Justification

Is the proposed project the replacement of an existing asset or the construction of a new asset?

New Asset Existing Asset

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 with a more stable platform.

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.

Operating Costs

Will the proposed project result in operational efficiencies and/or savings? Please Explain.

Additional functionality of the system should result in efficiencies and save staff time in the processing of payments.

Operating Costs will begin in 2020.

What's the annual operating costs associated with the project?

Describe, by major, the operating costs associated with the project. Include the number of newly created positions required by the project.

Software Support and maintenance.

Matching Funds

Have matching funds been secured for the project?

Yes No

Re-Edit