

**Mueller, Mary Anne**

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**From:** Vendola, Lara  
**Sent:** Monday, January 11, 2021 10:16 AM  
**To:** Fitzgerald, Vicky; Rosenthal, Tracy; Mueller, Mary Anne  
**Cc:** Matz, John  
**Subject:** RE: Resolutions for January 19 Board meeting

Hello,

The JPS Vote was 5-0.

Lara

**From:** Fitzgerald, Vicky  
**Sent:** Thursday, January 7, 2021 10:43 AM  
**To:** Rosenthal, Tracy <TRosenthal@co.winnebago.wi.us>; Mueller, Mary Anne <MMueller@co.winnebago.wi.us>  
**Cc:** Vendola, Lara <LVendola@co.winnebago.wi.us>; Matz, John <JMatz@co.winnebago.wi.us>; Palonen, Raymond <RPalonen@co.winnebago.wi.us>  
**Subject:** Resolutions for January 19 Board meeting

Good Morning,

Attached are the resolutions for the January 19<sup>th</sup> board meeting. Please note that the resolution for the sheriff's office still needs the Judiciary vote count that will happen this coming Monday, January 11 – Lara will call you with the vote to add to the resolution. Also, the highway resolution still needs the vote count that will happen on Monday, January 18 – Ray will call us with that vote, and it will have to be added at the board meeting.

As a reminder, I will be off starting tomorrow, January 8 – Wednesday, January 13. If you have any questions in regard to these resolutions, feel free to call me on my cell at 920.379.0304.

Thank you,

*Vicky Fitzgerald, CPA*

Director of Finance  
Winnebago County  
PO Box 2808  
Oshkosh WI 54903-2808

**Phone:** (920) 232-3443 | **Fax:** (920) 232-3429 | **Website:** [www.co.winnebago.wi.us](http://www.co.winnebago.wi.us)



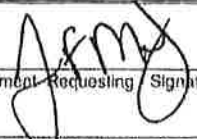
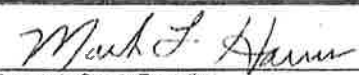
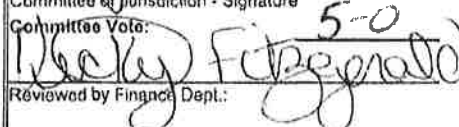
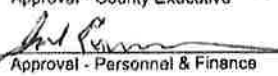
**Winnebago County**

*The Wave of the Future*

BUDGET TRANSFER

Sheriff's Office

January 2021

 Department - Requesting / Signature	Date 12-16-20	 Approval - County Executive	Date 12/08/20
Committee of Jurisdiction - Signature  Committee Vote: 5-0	Date 12-18-20	 Approval - Personnel & Finance Committee Vote: 5-0	Date 1-7-2021
Reviewed by Finance Dept.: N/A	N/A	Approved - Information Systems Committee Committee Vote: N/A	N/A
Approved - Facilities & Prop Mgmt Committee Committee Vote: N/A			
		Total amount of budget transfer.....	\$ 360,200

ACCOUNT NUMBER					AMOUNT		
Org	Object	Project	Phase	Task	Object Code / Phase Task title	I=incr D=Decr	Amount (Whole dollars only)
				502	Bond Proceeds		360,200
				305	Other Equipment		360,200

Description (Must be completed - Attach extra pages if needed):

This project is to replace existing Cambium microwave network equipment that is reaching end of life, and will no longer be supported by the vendor.

The microwave network is maintained in relationship to the Motorola P25 radio communications system to ensure mission critical communications and Interoperability throughout the County and beyond. Additionally, the microwave network works in conjunction with Outagamie County's microwave network that is also scheduled for needed replacement in 2021. Because the four microwaves on the network operate in a loop, replacing them all at the same time is essential to ensure proper functionality.

The Cambium microwave network for the Motorola P25 radio system has reached end of life and will need to be replaced to maintain mission critical radio communications for public safety agencies throughout Winnebago County. The microwave links the four remote radio tower sites to the radio controller, and provides radio system controlling data and audio transmissions across the system. A hardline network is maintained, along with the microwave, to provide a primary and a backup means of transmission to mitigate loss of radio communications in case of network failure. While replacing half in 2021 and half in 2022 was considered, this would require additional project work to ensure compatibility between old and new equipment, increasing the overall project cost.

ENTRY NUMBER

**8. RADIO SYSTEM MICROWAVE REPLACEMENT- SHERIFF'S OFFICE**

**A. Proposed 2021 Bonding: \$360,200**

**B. Project Costs and Sources of Funds:**

<b>PROJECT COSTS:</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Planning & design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land purchase	-	-	-	-	-	-
Construction	-	-	-	-	-	-
Equipment	360,200	-	-	-	-	360,200
Other (Demolition)	-	-	-	-	-	-
<b>Total costs</b>	<b>\$ 360,200</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 360,200</b>
<b>PROJECT FUNDS:</b>						
G.O.Bonds or notes	\$ 360,200	\$ -	\$ -	\$ -	\$ -	\$ 360,200
Outside funding grant	-	-	-	-	-	-
Tax levy	-	-	-	-	-	-
Previous bonding	-	-	-	-	-	-
Undesignated General Fund	-	-	-	-	-	-
<b>Total funds</b>	<b>\$ 360,200</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 360,200</b>

**C. Description and Justification:**

**Project Description:** This project is to replace existing Cambium microwave network equipment that is reaching end of life, and will no longer be supported by the vendor.

**Relationship to other projects and plans:** The microwave network is maintained in relationship to the Motorola P25 radio communications system to ensure mission critical communications and interoperability throughout the County and beyond. Additionally, the microwave network works in conjunction with Outagamie County's microwave network that is also scheduled for needed replacement in 2021. Because the four microwaves on the network operate in a loop, replacing them all at the same time is essential to ensure proper functionality.

**Justification and alternatives considered:** The Cambium microwave network for the Motorola P25 radio system has reached end of life and will need to be replaced to maintain mission critical radio communications for public safety agencies throughout Winnebago County. The microwave links the four remote radio tower sites to the radio controller, and provides radio system controlling data and audio transmissions across the system. A hardline network is maintained, along with the microwave, to provide a primary and a backup means of transmission to mitigate loss of radio communications in case of network failure. While replacing half in 2021 and half in 2022 was considered, this would require additional project work to ensure compatibility between old and new equipment, increasing the overall project cost.

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