

**RESOLUTION**

**ROCK COUNTY BOARD OF SUPERVISORS**

Rock County Communications  
Center  
INITIATED BY



1/17/2023  
DATE DRAFTED

**Request to Purchase Cielo Microwave Loops-Critical & Secondary Sites**

**WHEREAS**, in 2022 the Communications Center completed a Radio System Needs Assessment after a "network storm" event caused a complete failure of the County's Internet Protocol (IP) network that severely impacted radio communications. One of the consultant's recommendations was to study the microwave network that connects the County's radio system; and

**WHEREAS**, General Communications (GenComm), the Communications Center's radio system vendor, conducted a study in coordination with Rock County IT and Cielo Networks (the vendor of our main microwave units). The resulting recommendations were to increase our microwave network from the existing pathways that individually point back to one location to a "loop" configuration. The additional microwave units, combined with upgrades to existing equipment, will complete the "loop" configuration, ultimately increasing redundancy and reliability; and

**WHEREAS**, the cost of the microwave loop configuration is \$687,350 and is included in the Communications Center's approved 2023 budget. The purchase will include engineering, equipment, FCC licensing, and any IT hardware needed. This is a sole source purchase through GenComm, our contracted radio vendor; the cost is based on GSA pricing and NASPO.

**NOW, THEREFORE, BE IT RESOLVED** that the Rock County Board of Supervisors duly assembled this 9th day of February, 2022, does hereby authorize the contract agreement with GenComm for an amount not to exceed ~~\$690,000~~ 676,526 for the completion of the microwave loop configuration.

FISCAL NOTE:

Sales tax revenue was included in the 2023 budget to fund this project..

Sherry Oja  
Finance Director

LEGAL NOTE:

The County Board is authorized to take this action pursuant to §§ 59.01 and 59.51, Wis. Stats. In addition, § 59.52(29), Wis. Stats., requires the project to be let to the lowest responsible bidder. GenComm is the sole source provider of the Cielo microwave loop configuration.

Richard Greenlee  
Corporation Counsel

ADMINISTRATIVE NOTE:

Recommended.

Josh Smith  
County Administrator

**Committee Action**

Public Safety & Justice Committee

Public Safety & Justice Committee amended the resolution with the updated dollar amount in paragraph 4 to \$676,526. Passed unanimously.



February 6, 2023

Rock County Communications  
 3636 N County Highway F  
 Janesville, WI 53545

**RE: Ring Microwave Quote Rev 3**

The following is our quote to install a ring microwave system to minimize single points of failures in the radio network. Pricing is based off GSA price list and NASPO.

**Summary**

**Rock County:**

Path	Site	Price	Notes
1	4601 Co A - Edgerton FD	\$12,828	11GHz Installed, need 3' dishes
3	JVL WT - 4601 Co A	\$37,588	
4	5420 Co A - 4601 Co A	\$36,999	
5	Avon - 5420 Co A	\$0	Waiting for new tower site
6	Avon - Mill St.	\$0	Waiting for new tower site
7	Clinton - Beloit Gateway	\$40,388	
8	BMH - Beloit Gateway	\$37,588	
10	Edgerton - Edgerton FD	\$37,138	
11	Edgerton - Milton WT	\$39,994	
12	Evansville - 5420 Co A	\$41,358	
14	JVL WT - RCSO	\$19,639	Reuse path 4601 to RCSO
18	RCSO - Milton WT	\$21,759	Reuse path from Milton to Co A, new dishes
20	4601 Co A - Clinton	\$0	11GHz Path Already installed with 4' dishes
21	Town of Beloit - BMH	\$37,068	
22	Ute - Mill St.	\$39,318	
23	UTE - Town of Beloit	\$37,518	
25	4601 Co A - Mill St.	\$0	11GHz Path Already installed
N/A	Spares	\$68,134	
<b>Rock Co Total</b>		<b>\$507,316</b>	

**Janesville:**

Path	Site	Price	Notes
2	4601 Co A - JVL FS1	\$0	New Path installed recently
13	JVL WT - JVL FS2	\$16,176	Integrated Antenna
15	JVL WT - SWRA	\$19,924	2' Dish
16	RCSO - JVL City Hall	\$16,176	Integrated Antenna
17	RCSO - JVL FS4	\$16,176	Integrated Antenna

**Madison**  
 2880 Commerce Park Dr  
 Madison, WI 53719  
 (608) 271-4848

**Milwaukee**  
 12130 W Carman Ave  
 Milwaukee, WI 53225  
 (262) 439-2000

**Eau Claire**  
 4651 Anderson Dr  
 Eau Claire, WI 54703  
 (715) 225-7604

**Wisconsin Rapids**  
 2430 Industrial St  
 Wisconsin Rapids, WI 54495  
 (715) 424-3050

**McHenry - Radicom**  
 2604 N Chapel Hill Rd  
 McHenry, IL 60051  
 (815) 385-4224

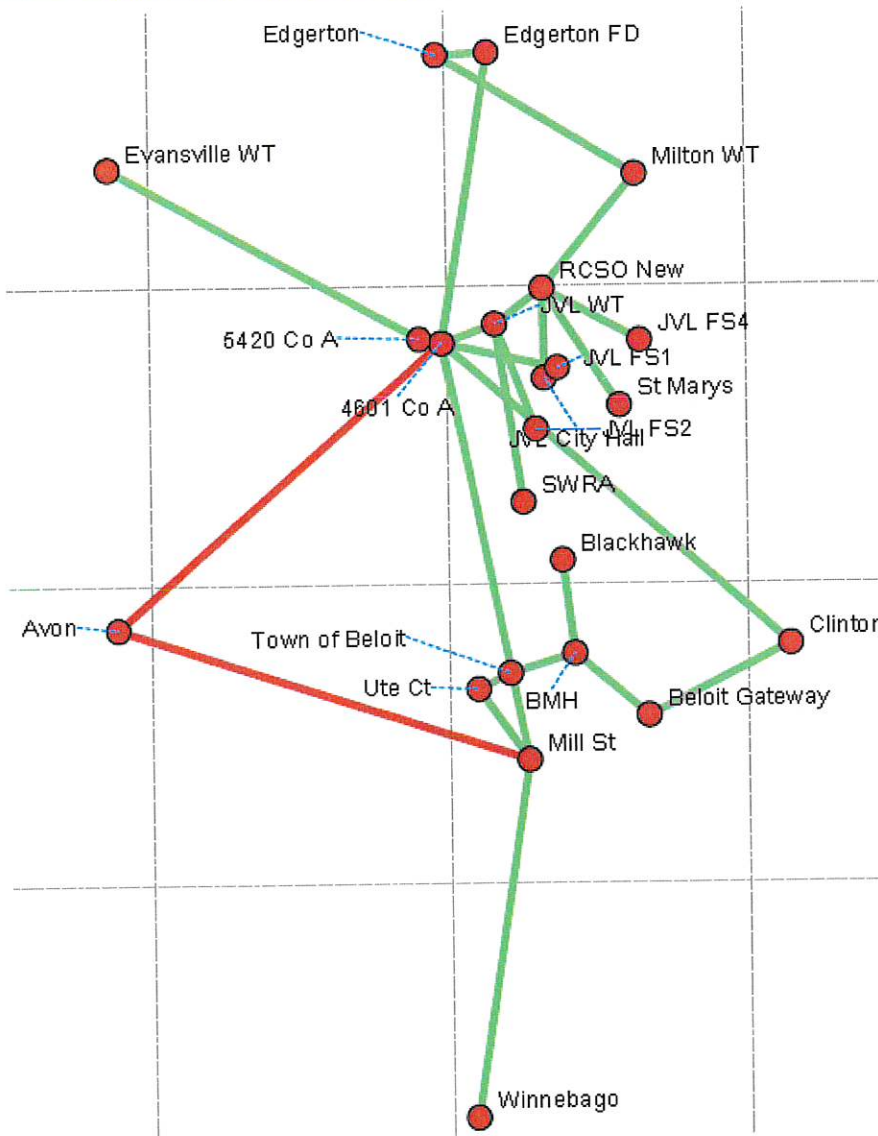


19	RCSO - St. Mary's	\$19,924	2' Dish
<b>Janesville Total</b>		<b>\$88,375</b>	

**Beloit:**

Path	Site	Price	Notes
9	BMH - Blackhawk	\$37,068	
24	Winnebago - Mill St.	\$43,766	
<b>Beloit Total</b>		<b>\$80,834</b>	

<b>System Total</b>		<b>\$676,526</b>	
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GENERAL  
COMMUNICATIONS  
*—your safety is our business*

If you have any questions, please call 608-310-7122 or email [gary.pelletier@gencomm.com](mailto:gary.pelletier@gencomm.com).

Sincerely,

*Gary E. Pelletier*

Gary E. Pelletier  
Vice President, Service and Engineering

Attachment: Detailed pricing

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[www.gencomm.com](http://www.gencomm.com)

