

**RESOLUTION
ROCK COUNTY BOARD OF SUPERVISORS**

Kathren Sukus
INITIATED BY



Kathren Sukus, Director
DRAFTED BY

Public Safety and Justice
SUBMITTED BY

November 24, 2020
DATE DRAFTED

AUTHORIZATION FOR RADIO SYSTEM EQUIPMENT UPGRADE

- 1 **WHEREAS**, the 911 Communications Center is responsible for the continuous operation of the public
- 2 safety radio system infrastructure in Rock County; and,
- 3
- 4 **WHEREAS**, the MASTR III equipment (repeaters, base stations, and receivers) for the public safety
- 5 radio system is at end of life for most channels and must be replaced over the next several years in order
- 6 to maintain the integrity of the system; and,
- 7
- 8 **WHEREAS**, Beloit Tac 1, Beloit Tac 10, Janesville Main and Interop radio channels are scheduled to
- 9 be updated with the new MASTR III equipment in 2021; and,
- 10
- 11 **WHEREAS**, General Communications, Inc. of Madison, Wisconsin is the maintenance provider for the
- 12 Rock County public safety radio system infrastructure and the only authorized Harris/Tait reseller and
- 13 service provider in the area; and,
- 14
- 15 **WHEREAS**, the total cost for equipment, battery backup, configuration, programming and installation
- 16 for this project is \$226,657.50; and,
- 17
- 18 **WHEREAS**, this project was budgeted and approved for 2021.
- 19
- 20 **NOW, THEREFORE, BE IT RESOLVED** by the Rock County Board of Supervisors duly assembled
- 21 this 17th day of December, 2020 that a contract be awarded to General Communications,
- 22 Inc. of Madison, Wisconsin, in the amount of \$226,657.50 to coordinate and implement this project.

Respectfully submitted,

PUBLIC SAFETY AND JUSTICE COMMITTEE

/s/ Mary Beaver
Mary Beaver, Chair

/s/ Brian Knudson
Brian Knudson, Vice Chair

Absent
Ronald Bomkamp

/s/ Danette Ryne
Danette Rynes

/s/ Jacob Taylor
Jacob Taylor

ADMINISTRATIVE NOTE:

Recommended.

/s/ Josh Smith

Josh Smith
County Administrator

LEGAL NOTE:

The County Board is authorized to take this action pursuant to secs. 59.01 and 59.51, Wis. Stats. In addition, sec. 59.52(29), Wis. Stats. Requires the project to be let to the lowest responsible bidder. General Communications, Inc., is the sole source service provider in the area.

/s/ Richard Greenlee

Richard Greenlee
Corporation Counsel

FISCAL NOTE:

Funds for this project were included in the 2021 budget. This project is being funded with sales tax revenues.

/s/ Sherry Oja

Sherry Oja
Finance Director

EXECUTIVE SUMMARY

In 2017 the Communications Center was notified that the Harris MASTR III equipment (repeaters, base stations, and receivers) that are required for every public safety radio channel in the County are at End of Life and must be replaced within the next five years. Most of this equipment was installed in the mid-1990's and 2001. The same equipment was also re-used and converted to P25 (digital) in 2012 as an effort to cut costs during the countywide narrow-banding project in 2013.

In 2021 we will be updating Beloit Tac 1, Beloit Tac 10 (link to JPD), Janesville Main & the Interop channel (links Beloit PD's UHF channel to a VHF channel so all agencies can communicate with Beloit PD). The total cost of the project is \$226,657.50 to include equipment, battery backup, configuration, programming and installation. This project was budgeted and approved for 2021.

General Communications is the only certified Harris-Tait (radio system) and technician in the area and they are the maintenance provider for the Communications Center. Much of the equipment and labor for this project has been priced off NASPO and the State of Wisconsin contracts.



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Communication Systems
221 Jefferson Ridge Parkway
Lynchburg, VA USA 24501-6952
Phone 1-800-368-3277

L3Harris.com

November 17, 2020

Jodi Millis
Purchasing Manager
Rock County Courthouse
51 S Main Street
Janesville, WI 53545

Subject: Rock County, Wisconsin

Dear Ms. Mills,

I am pleased to inform you that General Communications of Madison, Wisconsin, is the only L3Harris/Tait authorized reseller covering the Rock County Wisconsin area. In addition, General Communications is an Authorized Service Center (ASC) which means they have made substantial investments in people and facilities. Their technicians are fully trained and qualified to maintain and repair L3Harris/Tait equipment.

If you have any questions or if you require any additional information, please do not hesitate to contact me at (224) 545-2197 or at Jack.Scully@L3Harris.com.

Respectfully,

Jack Scully
Regional Account Manager
L3Harris Technologies, Inc.
Jack.Scully@L3Harris.com



November 24, 2020

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

RE: Radio System Upgrades

The following is our quote to upgrade the Janesville Main, Beloit TAC 10 and Beloit TAC, Interop digital radio channels. Pricing is based off the NASPO and State of Wisconsin contracts where available. Hyperlinks are provided to each contract.

Summary:

Item	NASPO Price
Janesville Main	\$ 72,054.00
Beloit TAC 10	\$ 15,252.25
Beloit TAC 1	\$ 71,907.75
Interop	\$ 61,854.50
Battery backup	\$ 5,589.00
Total:	\$ 226,657.50

Detailed Parts List:

Janesville PD Main

Qty	Description	Contract	Contract #	Vendor	NASPO	Ext NASPO
1	Chassis, TB9400, Single, 100W	NASPO	6913	Harris/Tait	\$958.50	\$958.50
7	Chassis, TB9400, Single Receiver x4	NASPO	6913	Harris/Tait	\$854.00	\$6,048.00
1	Reciter, TB9400, 148-174 MHz	NASPO	6913	Harris/Tait	\$1,935.75	\$1,935.75
7	Rx Only, TB9400, 148-174 MHz	NASPO	6913	Harris/Tait	\$1,290.75	\$9,035.25
1	Linear Power Amp, TB9400, 148-174 MHz, 100W	NASPO	6913	Harris/Tait	\$1,529.25	\$1,529.25
8	Cable, PMU IEC, 6.5ft	NASPO	6913	Harris/Tait	\$9.75	\$78.00
8	PMU, TB9000, AC, DC 12, Aux 12	NASPO	6913	Harris/Tait	\$1,875.75	\$15,006.00
7	SFE - P25 Common Air Interface (CAI) Rx Only	NASPO	6913	Harris/Tait	\$2,418.75	\$16,931.25
1	SFE - P25 Common Air Interface (CAI)	NASPO	6913	Harris/Tait	\$4,837.50	\$4,837.50
1	DFS!	NASPO	6913	Harris/Tait	\$392.25	\$392.25
1	SFE - Central Voter	NASPO	6913	Harris/Tait	\$3,619.50	\$3,619.50



7	SFE - IP Networking Satellite, RX-Only	NASPO	6913	Harris/Tait	\$285.75	\$2,000.25
1	Shipping	N/A	N/A	N/A	\$50.00	\$50.00
1	Miscellaneous Materials	N/A	N/A	N/A	\$50.00	\$50.00
2	Grounding	NASPO	6913	Harris	\$50.00	\$100.00
2	Program Management	NASPO	6913	Harris	\$187.00	\$374.00
14	Equipment Configuration and system design	NASPO	6913	Harris	\$187.00	\$2,618.00
30	Equipment Installation	NASPO	6913	Harris	\$150.00	\$4,500.00
					Sub Total:	\$70,063.50

Qty	Description	Contract	Contract #	Vendor	NASPO	Ext NASPO
1	CAR Stream License, Per DFS! radio connection			Mindshare	\$1,390.50	\$1,390.50
2	Antenna parts				\$150.00	\$300.00
2	Labor	NASPO	6913	Harris	\$150.00	\$300.00
					Sub Total:	\$1,990.50

					Total:	\$72,054.00
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Beloit TAC 10- Simulcast with Janesville PD Main

Qty	Description	Contract	Contract #	Vendor	NASPO	Ext NASPO
1	Chassis, TB9400, Single, 100W	NASPO	6913	Harris/Tait	\$958.50	\$958.50
1	Rectifier, TB9400, 440-480 MHz	NASPO	6913	Harris/Tait	\$1,935.75	\$1,935.75
1	Linear Pwr Amp, TB9400, 440-480 MHz, 100W	NASPO	6913	Harris/Tait	\$1,529.25	\$1,529.25
1	Cable, PMU IEC, 6.5ft	NASPO	6913	Harris/Tait	\$9.75	\$9.75
1	PMU, TB9000, AC, DC 12, Aux 12	NASPO	6913	Harris/Tait	\$1,875.75	\$1,875.75
1	SFE - P25 Common Air Interface (CAI)	NASPO	6913	Harris/Tait	\$4,837.50	\$4,837.50
1	SFE - IP Networking Satellite	NASPO	6913	Harris/Tait	\$570.75	\$570.75
0	SFE - Central Voter	NASPO	6913	Harris/Tait	\$3,619.50	\$0.00
1	Shipping	N/A	N/A	N/A	\$250.00	\$250.00
1	Miscellaneous Materials	N/A	N/A	N/A	\$200.00	\$200.00
1	Grounding	NASPO	6913	Harris	\$50.00	\$50.00
1	Program Management	NASPO	6913	Harris	\$187.00	\$187.00
4	Equipment Configuration and system design	NASPO	6913	Harris	\$187.00	\$748.00
10	Equipment Installation	NASPO	6913	Harris	\$150.00	\$1,500.00
					Total:	\$14,652.25

Qty	Description	Contract	Contract #	Vendor	NASPO	Ext NASPO
2	Antenna parts				\$150.00	\$300.00
2	Labor	NASPO	6913	Harris	\$150.00	\$300.00
					Total:	\$600.00

					Total:	\$15,252.25
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Qty	Description	Contract	Contract #	Vendor	NASPO	Ext NASPO
1	Chassis, TB9400, Single, 100W	NASPO	8913	Harris/Tait	\$958.50	\$958.50
6	Chassis, TB9400, Single Receiver x4	NASPO	8913	Harris/Tait	\$864.00	\$5,184.00
2	Reciter, TB9400, 440-480 MHz	NASPO	8913	Harris/Tait	\$1,935.75	\$3,871.50
6	Rx Only, TB9400, 440-480MHz	NASPO	8913	Harris/Tait	\$1,290.75	\$7,744.50
1	Linear Pwr Amp, TB9400, 440-480 MHz, 100W	NASPO	8913	Harris/Tait	\$1,378.50	\$1,378.50
7	Cable, PMU IEC, 6.5ft	NASPO	8913	Harris/Tait	\$9.75	\$68.25
7	PMU, TB9000, AC, DC 12, Aux 12	NASPO	8913	Harris/Tait	\$1,875.75	\$13,130.25
1	DFSI	NASPO	8913	Harris/Tait	\$392.25	\$392.25
2	SFE - P25 Common Air Interface (CAI)	NASPO	8913	Harris/Tait	\$4,837.50	\$9,675.00
6	SFE - P25 Common Air Interface (CAI) Rx Only	NASPO	8913	Harris/Tait	\$2,418.75	\$14,512.50
1	SFE - Central Voter	NASPO	8913	Harris/Tait	\$3,619.50	\$3,619.50
6	SFE - IP Networking Satellite, RX-Only	NASPO	8913	Harris/Tait	\$285.75	\$1,714.50
1	Shipping	N/A	N/A	N/A	\$250.00	\$250.00
1	Miscellaneous Materials	N/A	N/A	N/A	\$200.00	\$200.00
2	Grounding	NASPO	8913	Harris	\$50.00	\$100.00
2	Program Management	NASPO	8913	Harris	\$187.00	\$374.00
12	Equipment Configuration and system design	NASPO	8913	Harris	\$187.00	\$2,244.00
30	Equipment Installation	NASPO	8913	Harris	\$150.00	\$4,500.00
					Sub Total:	\$69,917.25

Qty	Description	Contract	Contract #	Vendor	NASPO	Ext NASPO
1	CAR Stream License, Per DFSI radio connection			Mindshare	\$1,390.50	\$1,390.50
2	Antenna parts				\$150.00	\$300.00
2	Labor	NASPO	8913	Harris	\$150.00	\$300.00
					Sub Total:	\$1,990.50

					Total:	\$71,907.75
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GENERAL COMMUNICATIONS
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Interop Simulcast with Beloit TAC 1

Qty	Description	Contract	Contract #	Vendor	NASPO	Ext NASPO
1	Chassis, TB9400, Single, 100W	NASPO	6913	Harris/Tait	\$958.50	\$958.50
6	Chassis, TB9400, Single Receiver x4	NASPO	6913	Harris/Tait	\$864.00	\$5,184.00
1	Reciter, TB9400, 148-174 MHz	NASPO	6913	Harris/Tait	\$1,935.75	\$1,935.75
6	Rx Only, TB9400, 148-174 MHz	NASPO	6913	Harris/Tait	\$1,290.75	\$7,744.50
1	Linear Pwr Amp, TB9400, 148-174 MHz, 100W	NASPO	6913	Harris/Tait	\$1,529.25	\$1,529.25
7	Cable, PMU IEC, 6.5ft	NASPO	6913	Harris/Tait	\$9.75	\$68.25
7	PMU, TB9000, AC, DC 12, Aux 12	NASPO	6913	Harris/Tait	\$1,875.75	\$13,130.25
1	SFE - P25 Common Air Interface (CAI)	NASPO	6913	Harris/Tait	\$4,837.50	\$4,837.50
6	SFE - P25 Common Air Interface (CAI) Rx Only	NASPO	6913	Harris/Tait	\$2,418.75	\$14,512.50
1	SFE - Central Voter	NASPO	6913	Harris/Tait	\$3,619.50	\$3,619.50
6	SFE - IP Networking Satellite, RX-Only	NASPO	6913	Harris/Tait	\$285.75	\$1,714.50
3	Shipping	N/A	N/A	N/A	\$50.00	\$150.00
4	Miscellaneous Materials	N/A	N/A	N/A	\$50.00	\$200.00
4	Grounding	NASPO	6913	Harris	\$50.00	\$200.00
2	Program Management	NASPO	6913	Harris	\$187.00	\$374.00
8	Equipment Configuration and system design	NASPO	6913	Harris	\$187.00	\$1,496.00
24	Equipment Installation	NASPO	6913	Harris	\$150.00	\$3,600.00
					Total:	\$61,254.50

Qty	Description	Contract	Contract #	Vendor	NASPO	Ext NASPO
2	Antenna parts				\$150.00	\$300.00
2	Labor	NASPO	6913	Harris	\$150.00	\$300.00
					Total:	\$600.00

					Total:	\$61,854.50
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If you have any questions, please email rwestgard@gencomm.com or call 608-310-7127.

Sincerely,

Rich Westgard

Rich Westgard
 Service Manager

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