

RESOLUTION

ROCK COUNTY BOARD OF SUPERVISORS

Kathren Sukus
INITIATED BY



12/3/2021
DATE DRAFTED

Authorization for Radio System Equipment Upgrade

WHEREAS, the 911 Communications Center is responsible for the continuous operation of the public safety radio system infrastructure in Rock County; and,

WHEREAS, the MASTR III equipment (repeaters, base stations, and receivers) for the public safety radio system is at end-of-life for most channels and must be replaced over the next several years in order to maintain the integrity of the system; and,

WHEREAS, Beloit Tac 2, Beloit Tac 8, Janesville Tac Repeater and all fireground radio channels are scheduled to be updated in 2022; and,

WHEREAS, General Communications, Inc. of Madison, Wisconsin is the maintenance provider for the Rock County public safety radio system infrastructure and the only authorized Harris/Tait reseller and service provider in the area; and,

WHEREAS, the total cost for equipment, configuration, programming and installation for this project is \$221,172.60; and,

WHEREAS, this project was budgeted and approved for 2022; and,

NOW, THEREFORE, BE IT RESOLVED by the Rock County Board of Supervisors duly assembled this 13th day of January, 2022 that a contract be awarded to General Communications, Inc. of Madison, Wisconsin, in the amount of \$221,172.60 to coordinate and implement this project.

FISCAL NOTE:

This project is being funded by the County's ARPA allocation through the lost revenue provision.

/s/Sherry Oja

Sherry Oja
Finance Director

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. of Madison, Wisconsin, is the sole source provider of Harris/Tait.

s/Bridget Laurent

Bridget Laurent
Deputy Corporation Counsel

ADMINISTRATIVE NOTE:

Recommended.

/s/Josh Smith

Josh Smith
County Administrator

Committee Action

Public Safety & Justice Committee

Public Safety & Justice Committee recommended this resolution for approval by a unanimous voice vote. Supervisor Rynes was absent.

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 2022 we will be updating Beloit Tac 2, Beloit Tac 8 (Citywide), Janesville Main Tac Repeater & all of the fireground channels (Red, White, Blue & Janesville) along with some added receiver sites as requested by the Rock County Fire Officer's Association. The total cost of the project is \$221,172.60 to include equipment, battery backup, configuration, programming and installation. This project was budgeted and approved for 2022.

This is a sole source purchase through General Communications who is the only certified Harris-Tait (radio system) technician in the area and the current radio system 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.



December 3, 2021

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

RE: Master III Radio Base Station Upgrades

The following is our quote to upgrade the Harris Master III radio base stations with new Harris/Tait TB9400 base stations. Pricing is based off NASPO contracts where available. Hyperlinks are provided to each contract.

<u>Item</u>	<u>NASPO Price</u>
Beloit Tac 2	\$48,860.00
Beloit Tac 8	\$9,694.25
Janesville Tac Repeater	\$53,474.50
Fire Ground Blue	\$37,617.25
Fire Ground JVL	\$14,043.35
Fire Ground Red	\$29,988.75
Fire Ground White	\$27,494.50
Total:	\$221,172.60

Detailed Pricing

Beloit TAC 2 - 1 TX/RX & 6 RX Only UTE CT

Qty	Description	Contract	Contract #	Vendor	NASPO	Ext NASPO
1	Chassis, TB9400, Single, 100W	NASPO	06913	Tait	\$1,016.25	\$1,016.25
1	Reciter, TB9400, 440-480 MHz	NASPO	06913	Tait	\$2,052.00	\$2,052.00
6	Rx Only, TB9400, 440-480MHz	NASPO	06913	Tait	\$1,368.00	\$8,208.00
6	Kit TBC Single Channel upgrade for TB94	NASPO	06913	Tait	\$56.25	\$337.50
1	Linear Pwr Amp, TB9400, 440-480 MHz, 100W	NASPO	06913	Tait	\$1,620.75	\$1,620.75
1	PMU, TB9000, AC, Aux 12	NASPO	06913	Tait	\$1,501.50	\$1,501.50
1	Cable, PMU IEC, 6.5ft	NASPO	06913	Tait	\$9.75	\$9.75
1	Digital Fixed Station Interface	NASPO	06913	Tait	\$415.50	\$415.50
1	SFE - Central Voter	NASPO	06913	Tait	\$3,837.00	\$3,837.00
1	SFE - P25 Common Air Interface (CAI)	NASPO	06913	Tait	\$5,127.75	\$5,127.75
6	SFE - P25 Common Air Interface (CAI) Rx Only	NASPO	06913	Tait	\$2,418.75	\$14,512.50
6	SFE - IP Networking Satellite, RX-Only	NASPO	06913	Tait	\$303.00	\$1,818.00
1	CAR Stream License, Per DFSI	N/A	10%	Mindshare	\$1,453.50	\$1,453.50
1	Miscellaneous Materials	N/A	N/A	N/A	\$200.00	\$200.00
2	Program Management	NASPO	06913	Harris	\$187.50	\$375.00
10	Equipment Configuration and system design	NASPO	06913	Harris	\$187.50	\$1,875.00
30	Equipment Installation	NASPO	06913	Harris	\$150.00	\$4,500.00
					Sub-Total:	\$48,860.00

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 2880 Commerce Park Drive
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 Local: (608) 271-4848

Milwaukee Office
 12130 W Carman Avenue
 Milwaukee, WI 53225
 Local: (262) 439-2000

Eau Claire Office
 4651 Anderson Drive
 Eau Claire, WI 54703
 Local: (715) 225-7604



Beloit TAC 8 - 1 TX/RX Analog Only MILL ST

Qty	Description	Contract	Contract #	Vendor	NASPO	Ext NASPO
1	Chassis, TB9400, Single, 100W	NASPO	06913	Tait	\$1,016.25	\$1,016.25
1	Reciter, TB9400, 440-480 MHz	NASPO	06913	Tait	\$2,052.00	\$2,052.00
1	Linear Pwr Amp, TB9400, 440-480 MHz, 100W	NASPO	06913	Tait	\$1,620.75	\$1,620.75
1	PMU, TB9000, AC, Aux 12	NASPO	06913	Tait	\$1,501.50	\$1,501.50
1	Cable, PMU IEC, 6.5ft	NASPO	06913	Tait	\$9.75	\$9.75
1	Digital Fixed Station Interface	NASPO	06913	Tait	\$415.50	\$415.50
1	CAR Stream License, Per DFSI	N/A	10%	Mindshare	\$1,453.50	\$1,453.50
1	Miscellaneous Materials	N/A	N/A	N/A	\$50.00	\$50.00
1	Program Management	NASPO	06913	Harris	\$187.50	\$187.50
1	Equipment Configuration and system design	NASPO	06913	Harris	\$187.50	\$187.50
8	Equipment Installation	NASPO	06913	Harris	\$150.00	\$1,200.00
					Sub-Total:	\$9,694.25

Janesville PD TAC 1 TX/RX & 7 RX Only - JVL WATER TOWER

Qty	Description	Contract	Contract #	Vendor	NASPO	Ext NASPO
1	Chassis, TB9400, Single, 100W	NASPO	06913	Tait	\$1,016.25	\$1,016.25
1	Reciter, TB9400, 148-174 MHz	NASPO	06913	Tait	\$2,052.00	\$2,052.00
7	Rx Only, TB9400, 148-174 MHz	NASPO	06913	Tait	\$1,368.00	\$9,576.00
7	Kit TBC Single Channel upgrade for TB94	NASPO	06913	Tait	\$56.25	\$393.75
1	Linear Pwr Amp, TB9400, 136-174 MHz, 100W	NASPO	06913	Tait	\$1,620.75	\$1,620.75
1	PMU, TB9000, AC, Aux 12	NASPO	06913	Tait	\$1,501.50	\$1,501.50
1	Cable, PMU IEC, 6.5ft	NASPO	06913	Tait	\$9.75	\$9.75
7	SFE - P25 Common Air Interface (CAI) Rx Only	NASPO	06913	Tait	\$2,564.25	\$17,949.75
1	SFE - P25 Common Air Interface (CAI)	NASPO	06913	Tait	\$5,127.75	\$5,127.75
1	Digital Fixed Station Interface	NASPO	06913	Tait	\$415.50	\$415.50
1	SFE - Central Voter	NASPO	06913	Tait	\$3,837.00	\$3,837.00
7	SFE - IP Networking Satellite, RX-Only	NASPO	06913	Tait	\$303.00	\$2,121.00
1	CAR Stream License, Per DFSI	N/A	N/A	Mindshare	\$1,453.50	\$1,453.50
1	Miscellaneous Materials	N/A	N/A	N/A	\$100.00	\$100.00
2	Program Management	NASPO	06913	Harris	\$187.50	\$375.00
6	Equipment Configuration and system design	NASPO	06913	Harris	\$187.50	\$1,125.00
32	Equipment Installation	NASPO	06913	Harris	\$150.00	\$4,800.00
					Sub-Total:	\$53,474.50

Firecom Blue Siren Control 1 TX/RX - 4601 COUNTY A

ADD Receivers to Avon, Mill St, Clinton, Edgerton

Qty	Description	Contract	Contract #	Vendor	NASPO	Ext NASPO
1	Chassis, TB9400, Single, 100W	NASPO	06913	Tait	\$1,016.25	\$1,016.25
1	Reciter, TB9400, 148-174 MHz	NASPO	06913	Tait	\$2,052.00	\$2,052.00
1	Linear Pwr Amp, TB9400, 148-174 MHz, 100W	NASPO	06913	Tait	\$1,620.75	\$1,620.75
1	PMU, TB9000, AC, Aux 12	NASPO	06913	Tait	\$1,501.50	\$1,501.50
1	Cable, PMU IEC, 6.5ft	NASPO	06913	Tait	\$9.75	\$9.75
4	Chassis, TB9400, Single Receiver x1	NASPO	06913	Tait	\$915.75	\$3,663.00
4	Rx Only, TB9400, 148-174 MHz	NASPO	06913	Tait	\$1,368.00	\$5,472.00

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2	PMU, TB9000, AC, DC 12, Aux 12	NASPO	06913	Tait	\$1,988.25	\$3,976.50
2	PMU, TB9000, AC, Aux 12	NASPO	06913	Tait	\$1,501.50	\$3,003.00
4	Cable, PMU IEC, 6.5ft	NASPO	06913	Tait	\$9.75	\$39.00
1	Digital Fixed Station Interface	NASPO	06913	Tait	\$415.50	\$415.50
1	SFE - Central Voter	NASPO	06913	Tait	\$3,837.00	\$3,837.00
4	SFE - IP Networking Satellite, RX-Only	NASPO	06913	Tait	\$303.00	\$1,212.00
1	Mill St Combiner Expansion 154.295 85.4	N/A	10%	Comprod	\$293.40	\$293.40
1	Clinton Combiner Expansion 154.295 85.4	N/A	10%	Comprod	\$2,265.30	\$2,265.30
1	Edgerton Combiner Expansion 154.295 85.4	N/A	10%	Comprod	\$2,265.30	\$2,265.30
1	Miscellaneous Materials	N/A	N/A	N/A	\$250.00	\$250.00
2	Program Management	NASPO	06913	Harris	\$187.50	\$375.00
4	Equipment Configuration and system design	NASPO	06913	Harris	\$187.50	\$750.00
24	Equipment Installation	NASPO	06913	Harris	\$150.00	\$3,600.00
					Sub-Total:	\$37,617.25

Janesville Fire Ground – Add Transmit to 4601 Co A

Qty	Description	Contract	Contract #	Vendor	NASPO	Ext NASPO
1	Chassis, TB9400, Single, 100W	NASPO	06913	Tait	\$1,016.25	\$1,016.25
1	Reciter, TB9400, 148-174 MHz	NASPO	06913	Tait	\$2,052.00	\$2,052.00
1	Linear Pwr Amp, TB9400, 148-174 MHz, 100W	NASPO	06913	Tait	\$1,620.75	\$1,620.75
1	PMU, TB9000, AC, DC 12, Aux 12	NASPO	06913	Tait	\$1,988.25	\$1,988.25
1	Cable, PMU IEC, 6.5ft	NASPO	06913	Tait	\$9.75	\$9.75
1	Digital Fixed Station Interface	NASPO	06913	Tait	\$415.50	\$415.50
1	SFE - IP Networking Satellite	NASPO	06913	Tait	\$605.25	\$605.25
1	CAR Stream License, Per DFSI	N/A	10%	Mindshare	\$1,390.50	\$1,390.50
1	Combiner Expansion 154.340	N/A	10%	Comprod	\$2,483.10	\$2,483.10
1	Miscellaneous Materials	N/A	N/A	N/A	\$100.00	\$100.00
1	Program Management	NASPO	6913	Harris	\$187.00	\$187.00
2	Equipment Configuration and system design	NASPO	06913	Harris	\$187.50	\$375.00
12	Equipment Installation	NASPO	06913	Harris	\$150.00	\$1,800.00
					Sub-Total:	\$14,043.35

Fire Ground Red 9 RX Only Analog Add Rxers to Avon and BMH

Qty	Description	Contract	Contract #	Vendor	NASPO	Ext NASPO
9	Rx Only, TB9400, 148-174 MHz	NASPO	06913	Tait	\$1,368.00	\$12,312.00
9	Kit TBC Single Channel upgrade for TB94	NASPO	06913	Tait	\$56.25	\$506.25
1	Digital Fixed Station Interface	NASPO	06913	Tait	\$415.50	\$415.50
1	SFE - Central Voter	NASPO	06913	Tait	\$3,837.00	\$3,837.00
8	SFE - IP Networking Satellite, RX-Only	NASPO	06913	Tait	\$303.00	\$2,424.00
1	CAR Stream License, Per DFSI	N/A	N/A	Mindshare	\$1,390.50	\$1,390.50
9	Miscellaneous Materials	N/A	N/A	N/A	\$50.00	\$450.00
1	Antenna Combiner Avon Expansion 154.295 85.4	N/A	10%	Comprod	\$2,353.50	\$2,353.50
2	Program Management	NASPO	06913	Harris	\$187.50	\$375.00
6	Equipment Configuration and system design	NASPO	06913	Harris	\$187.50	\$1,125.00
32	Equipment Installation	NASPO	06913	Harris	\$150.00	\$4,800.00
					Sub-Total:	\$29,988.75

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Fire Ground White - 3 Receive Only Sites
Mill St, BMH, Ute Ct - 154.280Hz 74.4Hz

Qty	Description	Contract	Contract #	Vendor	NASPO	Ext NASPO
4	Chassis, TB9400, Single Receiver x4	NASPO	06913	Tait	\$915.75	\$3,663.00
4	Rx Only, TB9400, 148-174 MHz	NASPO	06913	Tait	\$1,368.00	\$5,472.00
4	PMU, TB9000, AC, DC 12, Aux 12	NASPO	06913	Tait	\$1,988.25	\$7,953.00
4	Cable, PMU IEC, 6.5ft	NASPO	06913	Tait	\$9.75	\$39.00
1	Digital Fixed Station Interface	NASPO	06913	Tait	\$415.50	\$415.50
1	SFE - Central Voter	NASPO	06913	Tait	\$3,837.00	\$3,837.00
4	SFE - IP Networking Satellite, RX-Only	NASPO	06913	Tait	\$303.00	\$1,212.00
1	CAR Stream License, Per DFSI	N/A	N/A	Mindshare	\$1,390.50	\$1,390.50
1	Miscellaneous Materials	N/A	N/A	N/A	\$250.00	\$250.00
1	Program Management	NASPO	06913	Harris	\$187.50	\$187.50
2	Equipment Configuration and system design	NASPO	06913	Harris	\$187.50	\$375.00
18	Equipment Installation	NASPO	06913	Harris	\$150.00	\$2,700.00
					Sub-Total:	\$27,494.50

If you have any questions, please call 608-310-7122 or email gary.pelletier@gencomm.com.

Sincerely,

Gary E. Pelletier

Gary E. Pelletier
 Vice President, Service and Engineering

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L3HARRIS™

November 16, 2021

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 15, 2021.

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

Subject: Authorization of Sales and Support

Dear Ms. Millis:

This letter hereby indicates that General Communications is an authorized ***Tait North America Inc.*** Dealer and Service provider, and is authorized to sell, provide service, and program ***Tait Communications'*** products in Madison, Wisconsin.

If you have any questions on this matter, please feel free to contact us.

Sincerely Yours,



Nick Pennance
President
Tait North America Inc.