

**RESOLUTION  
ROCK COUNTY BOARD OF SUPERVISORS**

Kathren Sukus  
INITIATED BY



Kathren Sukus, Director  
DRAFTED BY

Public Safety and Justice  
SUBMITTED BY

September 12, 2017  
DATE DRAFTED

**AUTHORIZATION FOR PURCHASE/INSTALLATION OF FIRE & EMS PAGING SYSTEM**

- 1 **WHEREAS**, the 911 Communications Center is responsible for the continuous operation of the public
- 2 safety radio communications system in Rock County; and,
- 3
- 4 **WHEREAS**, Rock County utilizes a simulcast paging system to alert all Rock County Fire and
- 5 Emergency Medical Services personnel of the need to respond to calls for service; and,
- 6
- 7 **WHEREAS**, the current paging system was installed in 1999 and the equipment is no longer supported
- 8 by the manufacturer and is in need of replacement; and,
- 9
- 10 **WHEREAS**, General Communications, Inc. of Madison, Wisconsin is the maintenance provider for the
- 11 Rock County public safety radio system and dispatch radio consoles; and,
- 12
- 13 **WHEREAS**, the total cost for FCC licensing, equipment, programming, and installation of the
- 14 equipment is \$332,737.45; and,
- 15
- 16 **WHEREAS**, this project was budgeted and funding is available.
- 17
- 18 **NOW, THEREFORE, BE IT RESOLVED** by the Rock County Board of Supervisors duly assembled
- 19 this 12<sup>th</sup> day of October, 2017 that a contract be awarded to General Communications,
- 20 Inc. of Madison, Wisconsin, in the amount of \$332,737.45 to coordinate and implement this project.

Respectfully submitted,

**PUBLIC SAFETY AND JUSTICE COMMITTEE**

Mary Beaver  
Mary Beaver, Chair

Henry Brill  
Henry Brill, Vice Chair

Terry Fell  
Terry Fell

Brian Knudson  
Brian Knudson

Phillip Owens  
Phillip Owens

**FISCAL NOTE:**

Funding was included in the 2017 budget for this project. This project is being funded by sales tax revenue.

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. General Communications, Inc., is the sole source provider of Tait-Harris and Minishare radio.

Jodi Timmerman  
Jodi Timmerman  
Interim Corporation Counsel

**ADMINISTRATIVE NOTE:**

Recommended.

Josh Smith  
Josh Smith  
County Administrator

17-10A-365

## EXECUTIVE SUMMARY

The Communications Center is solely responsible for the infrastructure, operation, and maintenance of the public safety radio system in Rock County. The fire and EMS paging system is the primary system used to notify fire and EMS personnel of calls for service in their area.

The current simulcast paging system is 18 years old and the equipment has not supported by the manufacturer (Glenayre) for quite some time and refurbished replacement parts are becoming increasingly difficult to locate. The new paging system (Tait-Harris) will be housed on the communication center's radio network and will have an automatic radio frequency backup link in case of network failure. The new paging system will improve the audio quality for responders due to the maintenance provider's (General Communications) ability to more precisely program the system due to the network capabilities.

General Communications is the current radio system and radio console maintenance provider for the Communications Center and are the only certified technicians for Tait-Harris and Mindshare radio equipment in our area. A majority of the necessary equipment and labor for this project has been priced off the State of Wisconsin and NASPO contract when available.



August 28, 2017

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

**RE: Simulcast Paging Quote**

The following is our quote to install a 6-site simulcast paging system to replace the old and unsupported paging system. A 900MHz RF link will also be installed for a backup to the county's microwave system. Pricing is based off the NASPO and State of Wisconsin contracts where available. Hyperlinks are provided to each contract.

<u>Qty</u>	<u>Description</u>	<u>NASPO Part #</u>	<u>Contract</u>	<u>Contract #</u>	<u>Vendor</u>	<u>NASPO Price</u>	<u>Ext NASPO</u>
1	Harris/Tait TB9400 Rptr Cnv 148-174M 100W	TB9435-B3M0-0000-A4BC	NASPO	<a href="#">06913</a>	Tait-Harris	\$14,113.50	\$14,113.50
5	Harris/Tait TB9400 Rptr Cnv 148-174M 100W	TB9435-B3M0-0000-A4BD	NASPO	<a href="#">06913</a>	Tait-Harris	\$10,959.75	\$54,798.75
1	Harris/Tait Conventional Console Interface	TN91100010A400	NASPO	<a href="#">06913</a>	Tait-Harris	\$5,829.75	\$5,829.75
1	Harris/Tait TB9100 Software License Installer	TBAKEY01	NASPO	<a href="#">06913</a>	Tait-Harris	\$264.00	\$264.00
4	Harris/Tait Digital Fixed Station Interface	TBAS060	NASPO	<a href="#">06913</a>	Tait-Harris	\$405.75	\$1,623.00
1	DFSI Server	750M-P25-200 MS-CARGS	State of WI	<a href="#">13-5458</a>	CSS	\$17,760.00	\$17,760.00
6	Filter, Dual,148-174MHz	7629	NASPO	<a href="#">06913</a>	Harris	\$585.00	\$3,510.00
6	TIME & FREQ SYNCH SYSTEM, 10MHZ	CI-GPS-20-REF	NASPO	<a href="#">06913</a>	Daniels	\$6,774.11	\$40,644.67
6	ANTENNA, GPS OUTDOOR, W/MNT HDWR	CI-GPS-22-ANT	NASPO	<a href="#">06913</a>	Daniels	\$454.70	\$2,728.18
6	SURGE PROTECTOR ANTENNA, W/MTG	CI-GPS-22-SURGE	NASPO	<a href="#">06913</a>	Daniels	\$463.98	\$2,783.90
6	GPS Antenna Mast	Model 8235	None	N/A	Spectracom	\$22.50	\$135.00
6	GPS Power Cord, AC	CA06R-1513-0001	None	N/A	Spectracom	\$0.00	\$0.00
420	Low Loss Coax Cable	LMR400	None	N/A	Hutton	\$1.35	\$567.00
24	Coax Connectors, N-Male	RFN-1006-3I	None	N/A	Hutton	\$6.75	\$162.00
1	Kenwood VHF Repeater, 50 Watt	TKR-750K	NASPO		Kenwood	\$1,090.60	\$1,090.60
1	Power Supply, 18 Amp	LP-18	None	N/A	Hutton	\$130.00	\$130.00
1	Tone Termination Panel. 2 Channel	TTP2(N)	None	N/A	CPI	\$324.00	\$324.00
1	Single Line Radio Card with Enclosure	750M-100-001	State of WI	<a href="#">13-5458</a>	CSS	\$1,252.80	\$1,252.80
14	900MHz Link Radio - Tornado	LRU-T-QAM64/240kbps	None	N/A	MiMOMax	\$4,117.50	\$57,645.00
14	Tornado DC Connector & Lead	PS-T	None	N/A	MiMOMax	\$16.20	\$226.80
14	900MHz Panel 900MHz Panel (16dBi)	BQD	None	N/A	MiMOMax	\$1,026.00	\$14,364.00
14	1U 19" Fanless Radio Mount	RM-1U	None	N/A	MiMOMax	\$81.00	\$1,134.00
14	Remote End CCMS & Over Air Prog	OTAC/OTAP	None	N/A	MiMOMax	\$540.00	\$7,560.00
14	Tornado Data Acceleration	M-DAP	None	N/A	MiMOMax	\$517.50	\$7,245.00
14	Tornado Network & Firewall Security	M-SEC	None	N/A	MiMOMax	\$207.00	\$2,898.00
2	Link Radio Configuration	Services	None	N/A	MiMOMax	\$765.00	\$1,530.00
5	System Design / Path / Coverage Planning	Services	None	N/A	MiMOMax	\$1,035.00	\$5,175.00

**Madison Office**

2880 Commerce Park Drive  
Madison, WI 53719  
Local: (608)271-4848  
Fax: (608)661-2935

**Milwaukee Office**

N57 W13466 Reichert Avenue  
Menomonee Falls, WI 53051  
Local: (262)439-2000  
Fax: (262)439-2009

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

**Eau Claire Office**

3407 E Hamilton Avenue  
Eau Claire, WI 54701  
Local: (715)225-7604  
Fax: (608)661-2935



1	1-Year System Support & Warranty	Support	None	N/A	MiMOMax	\$5,913.00	\$5,913.00
7	FCC Coordination and License for 900MHz	FCC	None	N/A	FCC	\$1,500.00	\$10,500.00
2000'	1/2" Non-Plenum Cable	LCF12-50J	NASPO	<u>06913</u>	Harris	\$2.70	\$5,400.00
7	Connector, N Male, 1/2in Coax	CN-015463-001	NASPO	<u>06913</u>	Harris	\$36.00	\$252.00
7	Connector, N Female, 1/2in Coax	CN-015464-001	NASPO	<u>06913</u>	Harris	\$40.50	\$283.50
28	Kit, Grounding For 1/2in Coaxial	KT-018357-002	NASPO	<u>06913</u>	Harris	\$27.00	\$756.00
14	Filter, Lightning, 125-1000MHz	7239	NASPO	<u>06913</u>	Harris	\$90.00	\$1,260.00
14	Kit, Hoisting Grip, 1/2 in Cable	KT-014874-001	NASPO	<u>06913</u>	Harris	\$27.00	\$378.00
1	Antenna Installation by sub-contractor labor	Sub Labor	None	N/A	N/A	\$15,000.00	\$15,000.00
40	Equipment configuration and system design	Labor	NASPO	<u>06913</u>	Harris	\$187.50	\$75,000.00
260	Equipment Installation	Labor	NASPO	<u>06913</u>	Harris	\$150.00	\$39,000.00
						<b>NASPO Total:</b>	<b>\$332,737.45</b>

If you have any questions please email [rwestgard@gencomm.com](mailto:rwestgard@gencomm.com) or call 608-310-7127.

Sincerely,

*Rich Westgard*

Rich Westgard  
Service Manager

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