

**RESOLUTION
ROCK COUNTY BOARD OF SUPERVISORS**

Public Safety and Justice
INITIATED BY



Kathren Sukus, Director
DRAFTED BY

Public Safety and Justice
SUBMITTED BY

October 16, 2013
DATE DRAFTED

BLACKHAWK TECH LAW AND FIRE RADIO RECEIVER SITES

- 1 **WHEREAS**, the 911 Communications Center is responsible for the continuous operation of the public safety
- 2 radio communications infrastructure in Rock County; and,
- 3
- 4 **WHEREAS**, the Communications Center, through its public safety work groups, has identified radio
- 5 communication deficiencies within the Towns of Beloit and Rock along South Highway 51; and,
- 6
- 7 **WHEREAS**, research indicates that the communication deficiencies in these areas would be reduced and/or
- 8 eliminated by the nearby placement of radio receiver equipment for the County Main and Rock Fire Main
- 9 frequencies; and,
- 10
- 11 **WHEREAS**, Blackhawk Technical College, 6004 South County Trunk G, Town of Rock, has authorized
- 12 placement of radio receiver equipment on their existing tower along with providing storage of equipment inside
- 13 of their building; and,
- 14
- 15 **WHEREAS**, two proposed receiver sites would directly benefit all public safety responders communicating on
- 16 portable radios in this area; and,
- 17
- 18 **WHEREAS**, General Communications, Inc. of Madison, Wisconsin is the sole maintenance provider and
- 19 Raytheon equipment dealer for the Rock County public safety radio system infrastructure; and,
- 20
- 21 **WHEREAS**, the total cost for equipment and installation of both receiver sites is \$78,853.10; and,
- 22
- 23 **WHEREAS**, the funding to purchase the receiver equipment is currently available in the Communications
- 24 Center's 2013 budget.
- 25
- 26 **NOW, THEREFORE, BE IT RESOLVED** by the Rock County Board of Supervisors duly assembled this
- 27 21 day of November, 2013 that a contract be awarded to General Communications, Inc. of
- 28 Madison, Wisconsin, in the amount of \$78,853.10 to purchase and install two radio receivers for placement at
- 29 Blackhawk Technical College.

Respectfully submitted,

Public Safety and Justice Committee

Ivan Collins
Ivan Collins, Chair

Henry Brill
Henry Brill, Vice Chair

Mary Beaver
Mary Beaver

Brian Knudson
Brian Knudson

Larry Wiedenfeld
Larry Wiedenfeld

13-11D-450

BLACKHAWK TECH LAW AND FIRE RADIO RECEIVER SITES

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FISCAL NOTE:

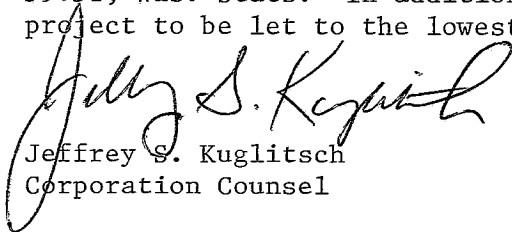
Sufficient funding is available in the Communications Center's capital asset account, A/C 23-2400-0000-67171, for the cost of this project.



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.



Jeffrey S. Kuglitsch
Corporation Counsel

ADMINISTRATIVE NOTE:

Recommended.



Craig Knutson
County Administrator

EXECUTIVE SUMMARY

The Rock County Communications Center is solely responsible for the infrastructure, operation, and maintenance of the public safety digital radio system. After the narrow-banding and digital conversion of our main public safety radio frequencies, it was determined that the portable radio coverage for Rock County law enforcement and fire/EMS agencies had been reduced in the areas of the Rock River, Rockvale Mobile Home Park, and Blackhawk Technical College.

While some of these areas had scratchy coverage when they were analog, the combination of narrow-banding and digitalization has caused the signals to be inaudible at times. Narrow-banding reduced the signal strength and the digital transmission reacts differently than analog and does not get scratchy, it simply drops the transmission (similar to how a digital cell phone works when out of range of a cell tower).

In order to improve portable coverage for these areas, it is necessary to add two new receivers sites for both County Main and Rock Fire Main. These additional receiver sites would be located at Blackhawk Technical College.

This item was budgeted for 2014, but because the 9-1-1 Telephone System upgrade was under budget by approximately \$100,000, there are funds currently available in the Communications Center's 2013 budget to complete this project early.

The quote from General Communications is \$78,853.10 total, which includes parts and labor for both receivers. This is a sole source situation in that General Communications is the only certified JPS (Raytheon) service provider in Wisconsin and they hold the maintenance contract for the public safety radio system in Rock County (see attached letter from JPS Communications, Inc.).

JPS Communications, Inc.

a subsidiary of Raytheon Company

5800 Departure Drive
Raleigh NC 27616
(919) 865 1054
cell: (919) 413 0816
arthur.powers@raytheon.com

October 18, 2013

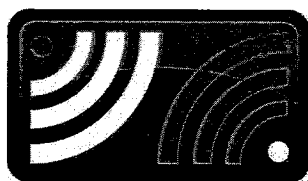
Gary Pelletier
General Communications Inc.
5157 Anton Drive
Madison, Wisconsin 53719

Dear Gary,

This is to confirm that General Communications Inc. is currently the only authorized JPS P25 dealer in the State of Wisconsin.



Arthur Powers
Vice President – Contracts & Corporate Development



GENERAL COMMUNICATIONS

— your safety is our business

October 16, 2013

Rock Co. Communications Center
Attn: Kathren Sukus
3636 N. County Trunk Hwy F
Janesville, WI 53545

RE: Here is a Quote to add two receivers Sheriff's main and Rock Fire main to the Blackhawk technical college building located in the Sheriff's office

1	Master 3 Receiver Shelf with two Receivers	Total:	\$18,140.00
		WSCA 26% Discount	- \$4,716.40
		Total:	\$13,423.60
1	JPS P25 upgrade	\$49,232.00	\$49,232.00
1	Receiver MultiCouplers	\$2,600.00	\$2,600.00
1	Cabinet	\$0.00	\$0.00
2	1/2" Super flex Jumpers	\$120.00	\$240.00
1	DB224 Antenna	\$890.00	\$890.00
1	Mount	\$205.00	\$205.00
150	1/2" Hardline Cable	\$2.75	\$412.50
2	1/2" Connectors	\$25.00	\$50.00
2	Ground Kits, 1/2"	\$30.00	\$60.00
1	Power Strip	\$400.00	\$400.00
1	Miscellaneous Grounding Cable & Split Bolts	\$150.00	\$150.00
1	PolyPhaser	\$100.00	\$100.00
6	Network Cables	\$15.00	\$90.00
1	Shop Programming and Configuration	\$3,000.00	\$3,000.00
1	Installation, at site	\$5,000.00	\$5,000.00
1	Installation Antenna and cable	\$3,000.00	\$3,000.00
		Sub Total:	\$65,429.50
		Total:	\$78,853.10

If you have any questions please call 608-310-7127 or e-mail rwestgard@gencomm.com.

Sincerely,

Richard Westgard

Richard Westgard
Assistant Service Manager

Madison
5157 Anton Drive
Madison, WI 53719
(608) 271-4848 / (800) 356-3200

Milwaukee
N57 W13466 Reichert Avenue
Menomonee Falls, WI 53051
(262) 439-2000 / (800) 546-9468

www.gencomm.com