

**RESOLUTION
ROCK COUNTY BOARD OF SUPERVISORS**

David Sleeter
INITIATED BY



David Sleeter
DRAFTED BY

Public Safety and Justice
SUBMITTED BY

February 21, 2011
DATE DRAFTED

ESTABLISHMENT OF A MOBILE DATA TRANSMITTER SITE

- 1 **WHEREAS**, the Rock County Communications Center is responsible for the operation of the
- 2 public safety mobile data radio infrastructure within Rock County; and,
- 3
- 4 **WHEREAS**, the Communications Center, through its public safety work groups, has identified
- 5 operational limitations within the public safety mobile data radio infrastructure; and,
- 6
- 7 **WHEREAS**, the limitations involve the ability of public safety agencies to effectively
- 8 communicate with mobile data radios in the southeast portion of Rock County; and,
- 9
- 10 **WHEREAS**, radio propagation research and past experience has shown that the establishment
- 11 of a mobile data radio transmitter site in the southeast portion of the County would enable the
- 12 public safety agencies to better communicate via mobile data laptop computers; and,
- 13
- 14 **WHEREAS**, the best alternative for the establishment of a southeast Rock County public safety
- 15 mobile data radio transmitter site would be to locate mobile data radio transmitter equipment at
- 16 an existing receiver site in the Village of Clinton; and,
- 17
- 18 **WHEREAS**, the current mobile data radio communications system was installed, and is
- 19 maintained, by General Communications, Inc., of Madison, Wisconsin; and,
- 20
- 21 **WHEREAS**, the cost of implementing and integrating a mobile data radio transmitter into the
- 22 current system would be \$16,300; and,
- 23
- 24 **WHEREAS**, the funding necessary to fully implement a public safety radio transmitter at the
- 25 existing Clinton receiver site is currently available in the 2011 Rock County budget.
- 26
- 27 **NOW, THEREFORE, BE IT RESOLVED** by the Rock County Board of Supervisors duly
- 28 assembled this 24th day of March, 2011 that a contract be awarded to
- 29 General Communications, Inc., Madison, Wisconsin in the amount of \$16,300.

Respectfully submitted,

Public Safety and Justice

Ivan Collins
Ivan Collins, Chair

Larry Wiedenfeld
Larry Wiedenfeld, Vice Chair

Mary Beaver
Mary Beaver

Hank Brill
Hank Brill

Brian Knudson
Brian Knudson

11-3B-317

FISCAL NOTE:

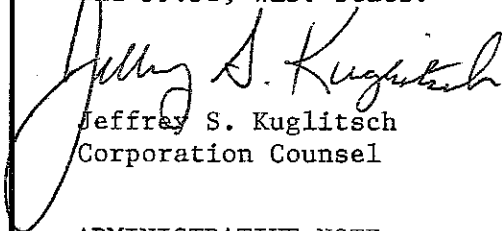
Sufficient funds were carried forward from the 911 Capital Project 2010 Budget a/c 23-2415-0000-67171, for a mobile data transmission site in Clinton.



Jeffrey A. Smith
Finance Director

LEGAL NOTE:

The County Board is authorized to take this action pursuant to secs. 59.01 and 59.51, Wis. Stats.



Jeffrey S. Kuglitsch
Corporation Counsel

ADMINISTRATIVE NOTE:

Recommended.



Craig Knutson
County Administrator

EXECUTIVE SUMMARY

The Rock County Communications Center has provided a mobile data system for all County law enforcement agencies since 2003. Within the last two years, 57 fire/EMS mobile data units were added to this same public safety mobile data system. The system provides laptop computer communications via an 800 MHz radio frequency in most areas of the County.

Since 2003, it has been documented repeatedly that mobile data radio coverage in the southeast portion of the County is not adequate. Research and experience has shown that placing an additional mobile data transmitter at a location within the southeast portion of the County would correct the current mobile data radio coverage deficiencies in this area of the County.

Rock County currently utilizes a Village of Clinton water tower location for a voice radio communications receiver site. This site would also provide a good solution for the mobile data radio coverage issues in the southeast portion of the County if mobile data transmitter equipment could be added.

The current public safety mobile data radio system was installed, and is currently maintained, by General Communications, Inc., of Madison, Wisconsin. The cost of implementing a mobile data transmitter site at the current Village of Clinton receiver site, to include integrating this transmitter into the existing mobile data system, would be \$16,300.

The necessary funding to cover the cost of implementing mobile data radio transmitter equipment within the Village of Clinton is currently available in the 2011 Rock County budget.