

RESOLUTION

ROCK COUNTY BOARD OF SUPERVISORS

Kathren Sukus
INITIATED BY



11/24/2021
DATE DRAFTED

Authorization for Cielo Microwave Radio Updates 2022

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

WHEREAS, the existing Cielo microwave radios for the public safety radio system are (14) years old and require equipment updates; and,

WHEREAS, the links between the County A tower and Clinton, Edgerton, Mill Street and Milton towers will be updated as well as purchasing a spare parts kit for quicker repairs in case of a failure or damage; and,

WHEREAS, General Communications, Inc. of Madison, Wisconsin is the maintenance provider for the Rock County public safety radio system infrastructure and an authorized Cielo reseller and service provider for our area; and,

WHEREAS, total cost for equipment, tower climbing and labor for this project is \$82,423; 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 16th day of December, 2021 that a contract be awarded to General Communications, Inc. of Madison, Wisconsin, in the amount of \$82,423 to coordinate and implement this project.

Respectfully submitted,

Public Safety and Justice Committee

/s/Mary Beaver
Mary Beaver, Chair

absent
Brian Knudson, Vice Chair

absent
Ronald Bomkamp

s/Danette Rynes
Danette Rynes

absent
Jacob Taylor

/s/Richard Bostwick
Richard Bostwick

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 is the current public safety radio system maintenance provider and Cielo service provider. This is a sole source purchase as the microwave radio equipment can only be updated with Cielo parts.

s/Richard Greenlee

Richard Greenlee
Corporation Counsel

ADMINISTRATIVE NOTE:

Recommended.

/s/Josh Smith

Josh Smith
County Administrator

FISCAL NOTE:

Funds were included in the 2022 budget for this project. The project is being funded through the ARPA lost revenue provision.

/s/Sherry Oja

Sherry Oja
Finance Director

EXECUTIVE SUMMARY

AUTHORIZATION FOR CIELO MICROWAVE RADIO UPDATES

Microwave radio links are the backhaul of the Rock County public safety radio system. The microwaves provide a network connection to the various tower sites that allows the radio equipment to be connected together vs. having T1 lines or costly fiber connections. Therefore they are an important part of the current radio system infrastructure.

The Communications Center updated two of the six Cielo microwave radio units in 2021 and will replace the remaining four in 2022 due to age:

- County A to Clinton link
- County A to Edgerton link
- County A to Mill St (Beloit) link
- County A to Milton link

Because of the time it takes to send units in for repairs the communications center will also purchase a spare parts kit so our maintenance provider can replace on site while waiting for the unit to come back from repairs. If we wait for repairs that would mean we would lose coverage in an area for several weeks or months.

General Communications is the current public safety radio system maintenance provider and Cielo service provider. This is a sole source purchase as the microwave radio equipment can only be updated with Cielo parts. The total cost of the upgrades, tower work and installation labor is \$82,423 for all units and spare parts. This project was budgeted for in the Communications Center's 2022 budget and the funds are available.

