

**RESOLUTION
ROCK COUNTY BOARD OF SUPERVISORS**

Public Works Committee
INITIATED BY



Duane Jorgenson, Interim Dir of Public Works
DRAFTED BY

Public Works Committee
SUBMITTED BY

April 6, 2017
DATE DRAFTED

**AUTHORIZING A CONTRACT FOR UPGRADING THE TWO-WAY
RADIO SYSTEM FOR THE DEPARTMENT OF PUBLIC WORKS**

1 **WHEREAS**, the Department of Public Works (DPW) two-way radio system is based on analogue
2 technology and radio manufacturers are now providing digital technology; and,
3
4 **WHEREAS**, DPW was authorized to and purchased 150 mobile and 18 portable two-way radios
5 from the State Bid; and,
6
7 **WHEREAS**, the old radios need to be removed, the new radios need to be installed, and upgrades
8 to the radio system need to be done to complete the transition to the digital radio system; and,
9
10 **WHEREAS**, the Purchasing Division solicited bids for the removal of existing two-way radios,
11 installation of new two-way radios, and work to upgrade the associated radio system to utilize
12 digital technology.
13
14 **NOW, THEREFORE, BE IT RESOLVED**, that the Rock County Board of Supervisors duly
15 assembled this 27th day of April, 2017, does hereby award the bid for the removal of
16 existing two-way radios, installation of new two-way radios, and work to upgrade the associated
17 radio system to utilize digital technology to the lowest responsible bidder, General
18 Communications of Madison, Wisconsin, with a base bid of \$91,314 and alternate #2 deduct of
19 \$5,000 for a total bid amount of \$86,314.

17-4B-267

Respectfully submitted,

PUBLIC WORKS COMMITTEE

Betty Jo Bussie
Betty Jo Bussie, Chair

Brent Fox
Brent Fox, Vice Chair

Absent
Eva M. Arnold

Brenton Driscoll
Brenton Driscoll

Rick Richard
Rick Richard

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THE DEPARTMENT OF PUBLIC WORKS

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FISCAL NOTE:

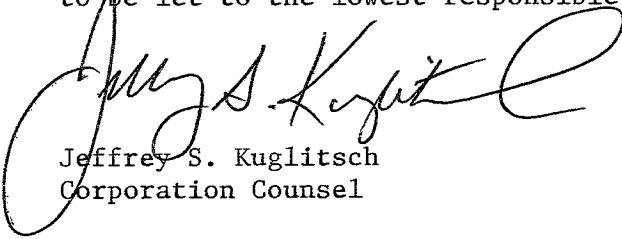
Sufficient funds are available in the 2017 budget for the upgrading of DPW's radio system. The project is being funded by cash and the cost will be expensed by future depreciation charges.



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.



Randy Terronez
Acting County Administrator

- Executive Summary -

The purpose of this resolution is to authorize a contract to complete the work necessary to transition to a two-way radio system that utilized digital technology instead of analogue technology.

The current DPW radios are based on analogue technology. Radio manufacturers are no longer producing these radios, in response to demand for better quality provided by digital radios. The current DPW radios are over ten years old and are failing or not getting good radio coverage due to this less reliable analogue platform.

In September 2016, the Department of Public Works (DPW) was authorized to and purchased 40 mobile and 10 portable two-way radios from the State Bid. In March 2017, DPW was authorized to and purchased 110 mobile and 8 portable two-way radios from the State Bid. The purchase of those radios at those times allowed DPW to take advantage of rebate offers from the manufacturer through the State Bid.

The installation and upgrade work remains and is included in this contract as the base bid.

Alternate #1 consists of providing a system link between the analogue and digital format for only one channel instead of two channels covered in the base bid. DPW currently utilizes two channels for operations.

Alternate #2 consists of vendor taking ownership of old radios.

Staff is recommending the award of a contract to lowest responsible bidder, General Communications of Madison, WI for the base bid in the amount of \$91,314 and Alternate #2 with a deduct amount of \$5,000, for a total bid amount of \$86,314. There is \$115,653.98 of budgeted funds available to complete this work.

ROCK COUNTY, WISCONSIN
FINANCE DIRECTOR

PURCHASING DIVISION



BID SUMMARY FORM

BID NUMBER 2017-35
BID NAME RADIO EQUIPMENT & INSTALLATION
BID DUE DATE APRIL 5, 2017 – 1:30 P.M.
DEPARTMENT PUBLIC WORKS

	GENERAL COMMUNICATIONS MADISON WI	BANDT COMMUNICATIONS JANESVILLE WI
BASE BID	\$ 91,314.00	\$ 169,143.00
ALTERNATE 1	\$ 1,000.00 DEDUCT	\$ 1,500.00 DEDUCT
ALTERNATE 2	\$ 5,000.00 DEDUCT	NOT INTERESTED
HOURLY RATE	100.00	95.00
ADDITIONAL WORK		
ADDENDA	YES	YES
START DATE	5/15/17	5/1/17
COMPLETION	7/28/17	1/31/18

ALTERNATE 1 – One channel link system
 ALTERNATE 2 – Existing radios salvaged by vendor.

Invitation to Bid was advertised in the Beloit Daily News and on the Internet.

PREPARED BY: JODI MILLIS, PURCHASING MANAGER

DEPARTMENT HEAD RECOMMENDATION: General Communications of Madison, WI

/S/ Duane Jorgenson 4/20/17
 SIGNATURE DATE

GOVERNING COMMITTEE APPROVAL:

/S/ Betty Jo Bussie 4-20-17 4/20/2017
 CHAIR VOTE DATE