

**RESOLUTION
ROCK COUNTY BOARD OF SUPERVISORS**

Public Safety and Justice
INITIATED BY



Kathren Sukus, Director
DRAFTED BY

Public Safety and Justice
SUBMITTED BY

June 4, 2014
DATE DRAFTED

**AWARDING BIDS FOR
EDGERTON MICROWAVE LINK AND 180' COMMUNICATIONS TOWER**

- 1 **WHEREAS**, the Rock County Communications Center is responsible for the operation of the public
- 2 safety radio infrastructure within Rock County; and,
- 3
- 4 **WHEREAS**, the Communications Center, through its public safety work groups, has identified radio
- 5 coverage limitations within Edgerton and north-central Rock County; and,
- 6
- 7 **WHEREAS**, the FCC mandated narrow-banding of public safety frequencies, as well as the conversion
- 8 to a conventional digital radio system in 2012, exacerbated these coverage limitations; and,
- 9
- 10 **WHEREAS**, coverage path studies have confirmed that a 180' tower in Edgerton, along with a future
- 11 digital simulcast radio systems, would significantly improve these coverage limitations within Edgerton
- 12 and the north-central area of Rock County; and,
- 13
- 14 **WHEREAS**, the County purchased one acre of land at Artisan Dr/Tower Dr in Edgerton for the new
- 15 tower site; and,
- 16
- 17 **WHEREAS**, the new tower will require a microwave system linked to the (4601 W) County A tower site
- 18 as part of the project; and,
- 19
- 20 **WHEREAS**, the Rock County Purchasing Division did advertise and solicit two separate bids for the
- 21 microwave link and the communications tower; and,
- 22
- 23 **WHEREAS**, General Communications of Madison, Wisconsin is the lowest bidder for the microwave
- 24 link; and,
- 25
- 26 **WHEREAS**, Daniels Construction Co., Inc. of Madison, Wisconsin is the lowest bidder for the
- 27 communications tower; and,
- 28
- 29 **WHEREAS**, the funding necessary for the microwave link and communications tower has been budgeted
- 30 and is available.
- 31
- 32 **NOW, THEREFORE, BE IT RESOLVED** by the Rock County Board of Supervisors duly assembled
- 33 this 26 day of June, 2014 that the bid for the microwave link be awarded to General
- 34 Communications of Madison, Wisconsin in the amount of \$24,734.83 and the bid for the
- 35 communications tower be awarded to Daniels Construction Co., Inc. of Madison, Wisconsin in the
- 36 amount of \$189,999.00 with the County Board Chair herein authorized to execute the purchase
- 37 agreement.

14-6B-065

AWARDING BIDS FOR EDGERTON MICROWAVE LINK AND 180' COMMUNICATIONS
TOWER

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Respectfully submitted,

Public Safety and Justice CommitteeAbsent

Mary Beaver, Chair

Hank Brill

Hank Brill, Vice Chair

Terry Fell

Terry Fell

Brian Knudson

Brian Knudson

Larry Wiedenfeld

Larry Wiedenfeld

FISCAL NOTE:

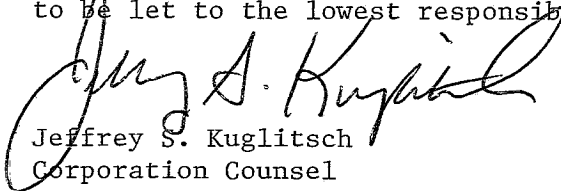
Funding is available in the Communications Center's Capital Asset account, A/C 23-2400-0000-67161, for the cost of this project. This project is funded by sales tax revenue.



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

In mid-2012 the Communications Center narrow-banded all public safety voice radio frequencies in order to meet the FCC requirement for January 1, 2013. At the same time the conventional analog radio system was upgraded to a P25 digital system with the intention of gaining back some of the radio coverage lost by the narrow-banding. After months of testing the new digital radio system, user agencies confirmed that there were definite coverage issues in the City of Edgerton and north-central part of Rock County.

The current 80' tower for that area is located at the Edgerton Fire Department, but it not tall enough to resolve the coverage issues. The site also does not allow enough ground area to expand to a 180' tower. After researching several locations and contacting several cellular tower sites, the County purchased land within the City of Edgerton (Artisan Dr/Tower Dr) to erect a new tower.

This location will improve both in-city and rural areas surrounding Edgerton. This tower will have enough height and space to improve coverage for both Rock Fire Repeater and County Law Main frequencies. There is also space available for additional public safety frequencies to be added in the future. In addition, two locations on the tower are being reserved for private cellular providers to rent from the County.

Two separate Invitations to Bid were initiated for the microwave link and the communications tower:

- The microwave link received (4) bids, with General Communications of Madison, Wisconsin being the lowest bidder at \$24,734.83.
- The communications tower project received (3) bids, with Daniels Construction, Co. of Madison, Wisconsin being the lowest bidder at \$189,999.00.

This project was budgeted and approved in the Communications Center's 2014 budget for \$330,000. The total cost (with land, building, soil tests/consulting) is approximately \$354,000. The reason for the overage is the increased durability of the tower (for cellular equipment), soil tests/consulting, and paved driveway, that were not part of the original quote. The Communications Center does have funds to cover the overage from another project that was under budget.



BID SUMMARY FORM

PROJECT NUMBER: 2014-40
 PROJECT NAME: MICROWAVE LINK
 BID DUE DATE: MAY 27, 2014 - 1:30 P.M.
 DEPARTMENT: 911 COMMUNICATIONS CENTER

	GENERAL COMMUNICATIONS MADISON WI	COMM CONNECT CEDARBURG WI	XTIVITY SOLUTIONS ELMHURST IL	YANKEE MICROWAVE HARRISON ME
FIRM BID	\$ 24,734.83	\$ 30,466.00	\$ 34,382.00	\$ 34,481.00
ADDENDA RECEIVED	YES	YES	YES	NO
START DATE	8/1/14	OCTOBER 2014	10/1/14	7/15/14
FINISH DATE	10/31/14	NOVEMBER 2014	10/14/14	8/30/14

Invitation to Bid was advertised in the Janesville Gazette and on the Internet. Two additional vendors were solicited that did not respond.

PREPARED BY: JODI MILLIS, PURCHASING MANAGER

DEPARTMENT HEAD RECOMMENDATION: General Communications

SIGNATURE: Kathleen Shuker DATE: 5/27/14

GOVERNING COMMITTEE APPROVAL: Henry Biele CHAIR VOTE: 4-0 DATE: 6/16/14



BID SUMMARY FORM

PROJECT NUMBER 2014-37
 PROJECT NAME EDGERTON COMMUNICATIONS TOWER
 BID DUE DATE MAY 28, 2014 - 1:30 P.M.
 DEPARTMENT 911 COMMUNICATIONS CENTER

	JOE DANIELS CONSTRUCTION MADISON WI	GENERAL COMMUNICATIONS MADISON WI	SABRE COMMUNICATIONS SOIUX CITY IA
FIRM BID	\$ 189,999.00	\$ 203,362.97	\$ 242,933.00
ADDENDA RECEIVED	YES	YES	YES
BID BOND RECEIVED	YES	YES	YES
START DATE	7/1/14	7/1/14	6/9/14
FINISH DATE	9/15/14	10/1/14	9/19/14

Invitation to Bid was advertised in the Janesville Gazette and on the Internet. Twenty additional vendors were solicited that did not respond. One vendor responded with a "No Bid".

PREPARED BY: JODI MILLIS, PURCHASING MANAGER

DEPARTMENT HEAD RECOMMENDATION: Joe Daniels Construction

SIGNATURE: *Kathleen J. Jankowicz* 6/4/14 DATE

GOVERNING COMMITTEE APPROVAL: *Henry Brill* 4-0 6/16/14
 CHAIR VOTE DATE