

**RESOLUTION  
ROCK COUNTY BOARD OF SUPERVISORS**

The General Services Committee  
INITIATED BY



Robert Leu  
DRAFTED BY

The General Services Committee  
SUBMITTED BY

February 9, 2015  
DATE DRAFTED

**Awarding Contract to Replace the Cooling Tower at the Courthouse**

- 1 **WHEREAS**, two cooling towers serve the chillers at the Courthouse; and,
- 2
- 3 **WHEREAS**, one cooling tower was new as part of the 1999 construction project, and the second cooling
- 4 tower was brought over from the roof of the 1955 building and re-used; and,
- 5
- 6 **WHEREAS**, the re-used cooling tower is older, and has reached the end of its useful life; and,
- 7
- 8 **WHEREAS**, funds were budgeted, and bids solicited to replace the cooling tower.
- 9
- 10 **NOW, THEREFORE, BE IT RESOLVED** by the Rock County Board of Supervisors duly assembled
- 11 this 26 day of February, 2015, that a contract to replace the cooling tower at the Courthouse
- 12 be awarded to the low bidder, General Heating of Madison, WI, in the amount of \$88,000.00.
- 13
- 14 **BE IT FURTHER RESOLVED** that a project contingency in the amount of \$5,000.00 be established to
- 15 cover change orders authorized by the General Services Committee.

15-2B-214

Respectfully submitted,

**GENERAL SERVICES COMMITTEE**

**FISCAL NOTE:**

Henry Brill, Chair

Funding for this project has been requested to be carried over from 2014 to 2015 in the Courthouse Facilities capital improvement account. This account is funded by sales tax revenues.

Jason Heidenreich, Vice Chair

Thomas J. Brien

Absent  
Edwin Nash

Sherry Oja  
Finance Director

Jeremy Zajac

**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.

**ADMINISTRATIVE NOTE:**

Recommended.

Jeffrey S. Kuglitsch  
Corporation Counsel

Josh Smith  
County Administrator

ROCK COUNTY, WISCONSIN  
FINANCE DIRECTOR

PURCHASING DIVISION  
FAX (608) 757-5539  
PHONE (608) 757-5515



**BID SUMMARY**

PROJECT NUMBER 2015-12  
PROJECT NAME COURTHOUSE COOLING TOWER  
BID DUE DATE FEBRUARY 5, 2015 - 1:30 PM (LOCAL TIME)  
DEPARTMENT GENERAL SERVICES - JAIL

	GENERAL HEATING MADISON, WI	ILLINGWORTH KILGUST MADISON, WI	BUTTERS-FETTING JANESVILLE, WI	TRI-COR MECHANICAL JANESVILLE, WI	H & H INDUSTRIES MADISON, WI
COOLING TOWER	\$ 88,000.00	\$ 89,669.00	\$ 91,000.00	\$ 92,500.00	\$ 115,300.00
ADDENDA RECEIVED	YES	YES	YES	YES	YES
BID BOND RECEIVED	YES	YES	YES	YES	YES
START DATE	MAY, 2015	APRIL 6, 2015	6 WEEKS - APPROVAL	APRIL 6, 2015	MARCH 9, 2015
COMPLETION DATE	JUNE, 2015	APRIL 24, 2015	30 DAYS AFTER START	APRIL 24, 2015	MAY 20, 2015

Invitation to Bid was advertised in the Beloit Daily News and on the Internet. Fourteen additional vendors were solicited that did not respond.

PREPARED BY: ALAN DRANSFIELD, SENIOR BUYER

DEPARTMENT HEAD RECOMMENDATION: General Heating

GOVERNING COMMITTEE APPROVAL:

Robert John GS Director  
SIGNATURE

4-0 2/17/15  
VOTE DATE

Henry Buel  
CHAIR

2/11/15  
DATE

## Executive Summary

### Cooling Tower Replacement at the Courthouse

The resolution before you contracts with General Heating of Madison, to replace one of the two cooling towers at the Courthouse. This cooling tower is older than the other, and has reached the end of its useful life. The Courthouse cooling towers are located in the concrete enclosure, between the two buildings, on the St. Lawrence Street side of the Courthouse.

What's a cooling tower?

The Courthouse is air-conditioned with a fluid refrigerated by a chiller. The chilled fluid is pumped through forced air devices and heat exchangers in the building. As the building cools, the circulating fluid warms and returns to the chiller to be cooled again. To help cool the warm fluid, a cooling tower is used. Water flows over a packing like fill material. A large fan blows over the fill material, evaporation takes place, and the cooler water is pumped to the chiller to help cool the air-conditioning fluid.

In short, a cooling tower is similar in purpose to a radiator.

Once the contract is awarded, six to eight weeks will pass before the chiller is delivered. Installation should be complete around May 1<sup>st</sup>. In addition to the contract amount of \$88,000.00, a \$5,000 contingency will be created to cover unanticipated change orders approved by the General Services Committee.