

ADDENDA NO: One

PROJECT: Dodge County Courthouse – Chiller (WC1-2) Upgrades

A/E PROJECT: 81960

March 18, 2026

This addendum is issued to modify, explain or correct the original Drawings, Specifications, and Addenda marked **Dodge County Courthouse – Chiller (WC1-2) Upgrades, Dodge County** dated March 18, 2026 and is hereby made a part of the contract documents. This addendum consists of (1) **one** page(s) of text, (1) **one** page(s) of Specifications, (0) **zero** sketch(s) and (3) **three** drawings(s). Please attach this Addendum to the Drawings and Project Manual in your possession.

**I. GENERAL**

1. **The list of attendees to pre-bid walkthroughs are attached.**
2. Are valves inside that isolate the chiller?
  1. There is an isolation valve connected to the Glycol Surge Tank and one on the pump inlet. However, there is no isolation directly connected to the chiller. New isolation valves shall be added to the chiller per detail (32/M100).
3. Is the County doing Controls?
  1. Dodge County will be responsible for the integration of the controls, including pulling new wire for the BACnet communication and conduit. The new chiller must have a BACnet interface. Refer to the specification section 23 60 00 of the project manual and General Note 13 on sheet M100 for additional information.
4. Estimate on volume?
  1. Estimated volume of 450 Gallons as identified within General Note 13 on sheet M100.
5. Does the new pump stay on the disconnect
  1. The new pump shall be installed with a new disconnect.
6. Pressure relief – do you want additional one for the chiller to protect the coil? There is an existing one on the pump
  1. The design intent is to add a new pressure relief valve at the chiller per the schematic (31/M100).
7. Where is the breaker for the chiller?
  1. The breaker for the chiller is located in Electrical Room B021 which is in the basement of the courthouse.
8. Do we need to meter the liquid?
  1. The mechanical contractor shall meter the number of gallons removed from the system as identified within General Note 13 on sheet M100.
9. Where is the breaker for pump?
  1. The breaker for the pump is located on the 3<sup>rd</sup> floor Mechanical Room. The room number for the Mechanical Room is 3060.
10. Does chiller require BACNet card?
  1. Yes, the new chiller shall have a BACNet card.
11. Does the chiller require low ambient?
  1. No, chiller does not require low ambient
  2. The attached specification 23 60 00 Section 2.01 shall replace the contract specification section.

**End of Addendum**  
Angus-Young AEI  
555 South River Street  
Janesville, Wisconsin 53548-4783



# ANGUS-YOUNG

ARCHITECTS/ENGINEERS

Dodge County  
Dodge County Courthouse Chiller (WC1-2) Upgrades  
Pre-Bid Meeting Attendance

A/E# 81960

03/10/2026

Name	Company	Telephone No.	Email Address
Ronald Doherty	Sun Mech	608-931-6268	Ronald.Doherty@sun-mechanical.com
Fred Malersvick	Sure-Firm, Inc.	920 495 4883	edward@surefirm.com
Tony Meyer	Meyer Mechanical	920-905-1138	meyermechanical@north.com
Andy Kolb	CR Fochs	920-456-8373	andykolb@crfochs.com
Drew Harris	Hooper Corp	608-720-3804	dharris@hoopercorp.com
Brian Buechsen	Ahern	920-948-1493	bbuechsen@ahern.com
Elis Bergeland	PIPERS MECHANICAL	608-831-5454	elisb@pipersmechanical.com
HERMUT JOHNSON	HELM	815-990-8307	jjohnson@helmgroupp.com
JEFF DZIEWUR	MELLENBUSH	262-233-3324	JDZIEWUR@MRMHI.COM

## **PART 2 - PRODUCTS**

### **2.01 Air-Cooled Water Chiller**

- A. Units shall be of the size and capacity shown on the plans, Base Bid Trane. Alternates may be submitted for review (or requested alternates where indicated) provided equipment of equal quality, size, and performance is used. Equivalent products shall be Daikin, Trane, or engineer approved equivalent.
- B. Units shall be assembled on a heavy gauge steel base with lifting/mounting rails and be weatherproofed. Units shall include hermetic reciprocating compressor(s), plate fin condenser coil, condenser fans and motors, controls and holding charge of R-454B, or equivalent. Units shall allow easy access to all controls and motor components for service. Units shall be UL listed and certified and rated in accordance with applicable ARI Standards.
- C. Unit casing shall be constructed of heavy gauge zinc coated galvanized steel, finished with weather resistant baked enamel finish.
- D. The scroll compressor is semi-hermetic, direct drive, 3600 rpm (60 Hz), with capacity control slide valve, a load/unload valve, rolling element bearings, differential refrigerant pressure oil pump and oil heater. The motor is a suction gas cooled, hermetically sealed, two-pole squirrel cage induction motor. Oil separator and filtration devices are provided separate from the compressor. Check valves in the compressor discharge and lube oil system and a solenoid valve in the lube system are also provided.
- E. The unit shall have to separate refrigerant circuits and allow unloading down to 15% of full load.
- F. Condenser coils shall be internally finned or smooth bore 3/8" copper tubes mechanically bonded to aluminum plate fin, factory pressure and leak tested to 506 psig. Include metal grilles with PVC coating for coil protection.
- G. Condenser fan and motor (s) shall be direct-drive, statically and dynamically balanced with aluminum blades and electro-coated steel hubs, with draw through vertical discharge, with either ODP or TEFC motors.
- H. Provide tube-in-shell evaporator heat exchanger. Provide ASME construction, vent, drain and 1.1/2" Armaflex insulation. Provide evaporator heater for freeze protection.
- I. Units shall be completely factory wired with necessary controls and contactor pressure lugs or terminal block for power wiring. Control wiring shall be 24 volt control circuit, with fusing and control transformer. Include time delay timers where necessary to prevent simultaneous startup in dual compressor units and anti-recycle timers.
- J. Include main electrical disconnect switch.
- K. BACNet interface shall be provided with the chiller.
- L. Provide standard controls and building automation system interface module if required to include:
  - 1. Chiller pump Stop/Start control output
  - 2. Chiller run (auto)/stop input
  - 3. 0-10 Vdc Inputs
    - a. Chilled water temperature setpoint
  - 4. Analog Outputs:
    - a. Entering Solution Temperature
    - b. Leaving Solution Temperature
    - c. Actual capacity level
  - 5. Binary Outputs
    - a. Active unit diagnostics
    - b. Alarm/fault

