

ADDENDUM #2

Project Name:
IMCC Boiler #2 & #3 Replacement
DAS#9054.03
RFB 905403-01
Addendum #2
Dated: February 14, 2022

This Addendum forms a part of the bidding and contract documents. This Addendum supersedes and supplements all portions of the original bidding and contract documents dated January 11, 2022 with which it conflicts.

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED ON THE BID FORM. FAILURE TO DO SO MAY SUBJECT THE BIDDER TO DISQUALIFICATION.

1. SPECIFICATIONS

- A. NONE

2. DRAWINGS

- A. M52 – Mechanical Details

3. QUESTIONS AND CLARIFICATIONS

- A. Who is the Siemens contact? *A> Clarification on the Siemens Contact: Colin Berryman @ 515-537-6859 – colin.berryman@siemens.com*

4. ATTACHMENTS

- A. M52 – Mechanical Details - Note

END OF ADDENDUM

OFF
:L TYPE
.CK TEMP
NOTE SETPOINT
ME SIGNAL
ID

BOILER 3 ON/OFF
BOILER 3 FUEL TYPE
BOILER 3 STACK TEMP
BOILER 3 REMOTE SETPOINT
BOILER 3 FLAME SIGNAL
BOILER 3 LOAD

SIEMENS CONTACT:
COLIN BERRYMAN @ 515-537-6859 -
COLIN.BERRYMAN@SIEMENS.COM

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ADD

2 AND 3

IE EXISTING SIEMENS CONTROL SYSTEM VIA MODBUS.

D TO RUN WHENEVER:
OW SETPOINT.

ER SYSTEM SHALL RUN FOR AND BE OFF FOR MINIMUM
ABLE), UNLESS SHUTDOWN ON SAFETIES OR OUTSIDE AIR

OWN INTERNAL SAFETIES AND CONTROLS.

OR FREEZE PROTECTION WHENEVER THE OUTSIDE AIR
).

WS:

STATUS IS OFF.
OFF BUT THE STATUS IS ON.
NRTIME EXCEEDS A USER DEFINABLE LIMIT.
SSURE +/-10 PSI FROM SETPOINT.

BOILER 2 AND BOILER 3 LEAD/LAG OPERATION:
THESE TWO BOILERS SHALL OPERATE IN A LEAD/LAG FASHION.

- THE LEAD BOILER SHALL RUN FIRST
- ON FAILURE OF THE LEAD BOILER, THE LAG BOILER SHALL RUN AND THE LEAD BOILER SHALL TURN OFF.
- ON DECREASING STEAM PRESSURE, THE LAG BOILER SHALL STAGE ON AND RUN IN UNISON WITH THE LEAD BOILER TO MAINTAIN STEAM PRESSURE SETPOINT.

THE DESIGNATED LEAD BOILER SHALL ROTATE UPON ONE OF THE FOLLOWING CONDITIONS:

- MANUALLY THROUGH A SOFTWARE SWITCH
- IF BOILER RUNTIME (ADJ.) IS EXCEEDED
- DAILY/WEEKLY/MONTHLY (DETERMINED BY OWNER)

ALARMS SHALL BE PROVIDED AS FOLLOWS:

- FAILURE: COMMANDED ON, BUT THE STATUS IS OFF.
- RUNNING IN HAND: COMMANDED OFF, BUT THE STATUS IS ON.
- RUNTIME EXCEEDED: STATUS RUNTIME EXCEEDS A USER DEFINABLE LIMIT.

BOILER 2 AND BOILER 3 REMOTE ON/OFF:

- EACH BOILER WILL NEED TO BE TURNED ON VIA ITS LOCAL CONTROL. BOILER WILL BE IN STANDBY MODE AT THIS TIME.
- FROM THE BAS SCREEN FOR THE SYSTEM, CLICK THE "ENERGIZE" BUTTON FOR THE BOILER TO REMOTELY TURN ON.
- AT THIS TIME, THE OA DAMPER WILL OPEN AND THEN THE SUPPLY FAN WILL TURN ON ONCE THE DAMPER IS PROVED OPEN.
- WHEN THE SUPPLY FAN HAS STATUS, THE SAFETY SWITCH FOR THE BOILER WILL TRIP AND ALLOW THE BOILER TO BE ENERGIZED.

9054.03 IMCC BOILER #2 AND #3 REPLACEMENT

IOWA MEDICAL CLASSIFICATION CENTER
2700 CORAL RIDGE AVE, CORALVILLE, IA 52241

DATE	02/14/2022	SCALE	12" = 1'-0"
DRAWN BY	TAB	FIELD BOOK	
APPROVED BY	TRF	REFERENCE DRAWING	M52

1217670

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SHIVE-HATTERY
ARCHITECTURE+ENGINEERING

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