

# Addendum 3

Owner Information	INDIANA UNIVERSITY
Contractor Information	N/A

DATE	01/29/2026
PROJECT NAME	BL572 – Intercollegiate Athletics Gymnasium – Replace Chiller, Heating Systems and Controls
INTROBA PROJECT #	2035.0013084
IU PROJECT #	20240613
DISTRIBUTION	Owner
ADDENDUM CONSIST OF	(5) 8.5 x 11 PAGES

The following additions, revisions, and modifications are part of the contract documents, which shall be amended accordingly. Acknowledge receipt of addenda on the bid form. Failure to acknowledge receipt of this addendum may result in the rejection of your offer.

## GENERAL

1. Bidder Questions & Answers:
  - a. List of bidder questions and provided answers is included in Addendum 3 documentation.

## SPECIFICATIONS

1. 236423 PACKAGED AIR-COOLED CHILLERS
  - a. Added as 2.1 A 2 and 3:
    - i. "2. Daikin."
    - ii. "3. York."
  - b. Replaced as 2.1 F:
    - i. "F. Remote Evaporator: Brazed-plate or shell-and-tube design at contractor's option.
      1. Shell and Tube Evaporator: Direct-expansion, shell-and-tube design with fluid flowing through the shell and refrigerant flowing through the tubes within the shell. Shell shall be constructed of carbon steel, with removable carbon-steel heads and multi-pass baffles designed to ensure positive oil return and located at each end of the tube bundle. Tubes shall be individually replaceable, copper, with enhanced fin design, expanded into tube sheets.

2. Brazed Plate Evaporator: Direct-expansion, single-pass, brazed-plate design of Type 316 stainless-steel construction. Include factory-installed and -wired electric heater with integral controls designed to protect the evaporator to -20°F.
3. Nozzles: Fluid nozzles located along the side of the shell and terminated with mechanical-coupling end connections for connection to field piping."

c. Replaced as 2.1 G:

- i. "G. Air-Cooled Condenser: High-efficiency compact heat exchangers using flat aluminum tubes with micro-sized channels for refrigerant, surrounded by aluminum fins (micro-channel), rated at 450 psig. Provide condenser coils with louvers, baffles, or hoods to protect against hail damage."

## DRAWINGS

### STRUCTURAL

1. S-101 – STRUCTURAL PLAN BL572 LEVEL 2 BASE BID
  - a. General Notes. Removed 1 D in its entirety.
  - b. Sheet Notes. Replaced Note 1:
    - i. "1. W8x15 (TYP-4) T/STEEL 0'-8". ALIGN BEAMS WITH WEB/TOP CHORD INTERSECTIONS OF JOISTS BELOW. MOST NORTHERN BEAM EDGE TO BE PAINTED OSHA APPROVED YELLOW. PRIME ALL BEAMS FOR FUTURE PAINTING BY OWNER."
  - c. Sheet Notes. Added to Note 2:
    - i. "PRIME ALL BEAMS FOR FUTURE PAINTING BY OWNER."

### PLUMBING

1. P-202 – PLUMBING PLAN BL572 LEVEL 1 & 2
  - a. View 3 "PD02-LEVEL 2 PLAN BL572". New Boiler Room. Shift southernmost new floor drain 2'-7" north for centering between new structural beams.
  - b. View 4 "PLUMBING PLAN BL572 LEVEL 1 (BASE BID)". Existing Storage Room. Shift southernmost new floor drain vertical and horizontal piping 2'-7" north for centering between new structural beams.

### ELECTRICAL

1. E-202 – ELECTRICAL PLANS BL572 LEVEL 1
  - a. All Sheet Notes that indicate "ALTERNATE 3" shall be changed to "ALTERNATE 4".
  - b. Sheet Note 9, replaced as follows:
    - i. "BASE BID: EXISTING TANK TYPE WATER HEATER REMAINS AT BL571 GNOC BUILDING. ALTERNATE #4: RELOCATE EXISTING WATER HEATER TO NEW MECHANICAL ROOM. PROVIDE NEW CIRCUIT BREAKER AND DISCONNECT AS NOTED ON EQUIPMENT CONNECTION SCHEDULE."

SIGNATURE Christopher Hawk 



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## Bidder Questions & Answers (Addendum 3)

Project Name	BL572 – Intercollegiate Athletics Gymnasium – Replace Chiller, Heating Systems and Controls IU Project #20240613
By	Christopher Hawk & Samuel Hubbe

Refer to the below list of questions submitted by bidders and answers provided by engineer and owner as of January 29<sup>th</sup>, 2026.

1. The drawings call for steel framework to be fabricated to the AISC 360-10 specification for structural steel buildings. Was the AISC certification intended, or can this be waived?
  - a) This should be waived and will not be required. Drawings will be updated to reflect this.
2. The drawings call for the front edge of the steel to be painted yellow. Does any of the other steel receive a primer or paint coating?
  - a) After discussing with the owner, Introba will call out any structural beams to be primed, and IU can paint in the future if desired. Front edge of the steel shall be painted yellow per OSHA.
3. There are areas now that are without a ceiling that are called out to remove the ceiling. Should we exclude ceiling removal and put back for these areas, or will ceilings be put back before the project starts?
  - a) It is the design intent to NOT install ceilings where no ceilings exist, currently.
4. Warranty – we don't include refrigerant warranty for remote evaporator chiller due to the contractor playing a role in field piping and thus causing a big risk for us. I believe this is standard with Daikin and Carrier as well but feel free to check with them, please.
  - a) It's our design intent that any piping that was included from the factory follow this warranty. Any refrigerant piping installed by the Mechanical Contractor will fall under a separate warranty covered in other Specifications.
5. Manufacturers – Bid form listed York and Daikin as alternates with Carrier but here only list Carrier and Multistak – ?
  - a) Bid list is correct with Carrier, Daikin, and York. Specification has been updated.
6. Everyone's scroll chillers are brazed plate not shell and tube. Shell and tube is used on the screw chillers. Also, most everyone's scroll chiller are microchannel condenser coils and not copper tube/aluminum fin as standard (feel free to double check with my competition). I am not sure if you are ok with either or not.

a) There is a contractor's option for brazed plate HX or shell + tube. Specification has been updated from copper tube/aluminum fin to Micro-Channel.

7. I have been asked by my vendors about what electrical drawings are part of base bid and which ones are alternates. Is there any way to clear that up so I can let them know?

a) All Alternate references on Sheet E-202 shall reference Alternate 4, and not 3. Clarity from the drawing cover sheet:

ALTERNATES LIST				
NO.	ITEM	BASE	ALTERNATE	ADDITIONAL INFORMATION
1A	CHILLER MANUFACTURER	N/A	CARRIER	REFER TO SCOPE INDICATED IN SPECIFICATION SECTION 236423 "PACKAGED AIR-COOLED CHILLERS". CONTRACTOR SHALL PROVIDE CHILLER SCOPE WITH ASSOCIATED MANUFACTURER.
1B	CHILLER MANUFACTURER	N/A	DAIKIN	REFER TO SCOPE INDICATED IN SPECIFICATION SECTION 236423 "PACKAGED AIR-COOLED CHILLERS". CONTRACTOR SHALL PROVIDE CHILLER SCOPE WITH ASSOCIATED MANUFACTURER.
1C	CHILLER MANUFACTURER	N/A	YORK	REFER TO SCOPE INDICATED IN SPECIFICATION SECTION 236423 "PACKAGED AIR-COOLED CHILLERS". CONTRACTOR SHALL PROVIDE CHILLER SCOPE WITH ASSOCIATED MANUFACTURER.
2	CHILLER SERVICE YEARS 3-7	2-YEAR SERVICE CONTRACT, 2-YEAR WARRANTY	ADD 3-7 YEAR SERVICE CONTRACT, 7-YEAR TOTAL WARRANTY	REFER TO SCOPE INDICATED IN SPECIFICATION SECTION 236423 "PACKAGED AIR-COOLED CHILLERS".
3	CHILLER SERVICE YEARS 3-10	2-YEAR SERVICE CONTRACT, 2-YEAR WARRANTY	ADD 3-10 YEAR SERVICE CONTRACT, 10-YEAR TOTAL WARRANTY	REFER TO SCOPE INDICATED IN SPECIFICATION SECTION 236423 "PACKAGED AIR-COOLED CHILLERS".
4	NEW MECHANICAL ROOM	NO NEW MECHANICAL ROOM. NEW CHILLER LOCATED IN EXISTING MECHANICAL ROOM. EXISTING WATER HEATER REMAINS AT GNC.	PROVIDE NEW MECHANICAL ROOM. NEW CHILLER LOCATED IN NEW MECHANICAL ROOM. RELOCATE EXISTING WATER HEATER TO NEW MECHANICAL ROOM. NEW MOP SINK IN EXISTING MECHANICAL ROOM.	REFER TO SCOPE INDICATED ON SHEETS THROUGHOUT DRAWING SET.

More/less, anything related to the boiler scope is base bid. Anything related to the chillers falls under an alternate bid, but it really comes down to location of the chillers. Refer to mechanical sheets to assist with base vs. alternate for powering of equipment.